

FIG. 1

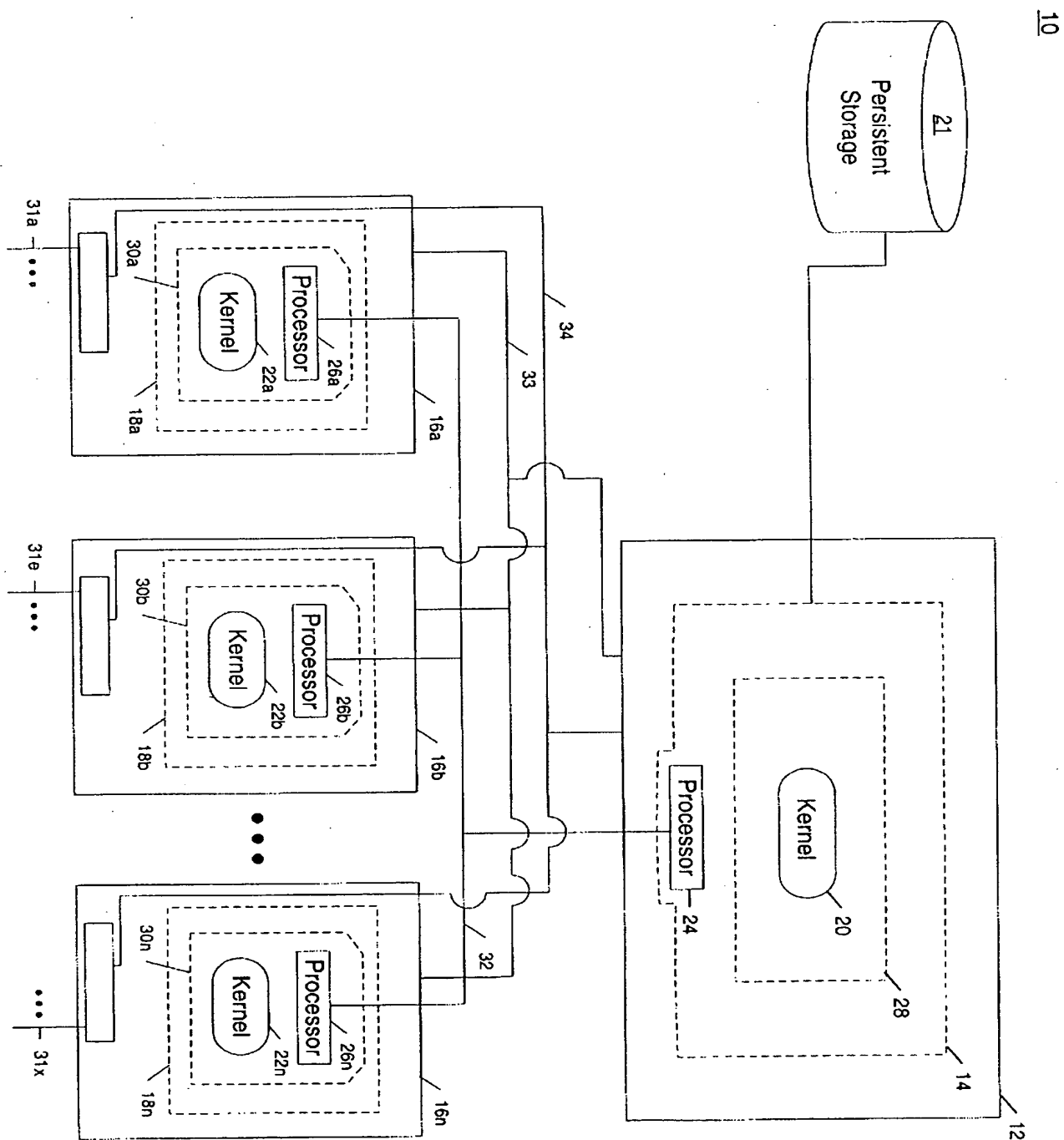


FIG. 2

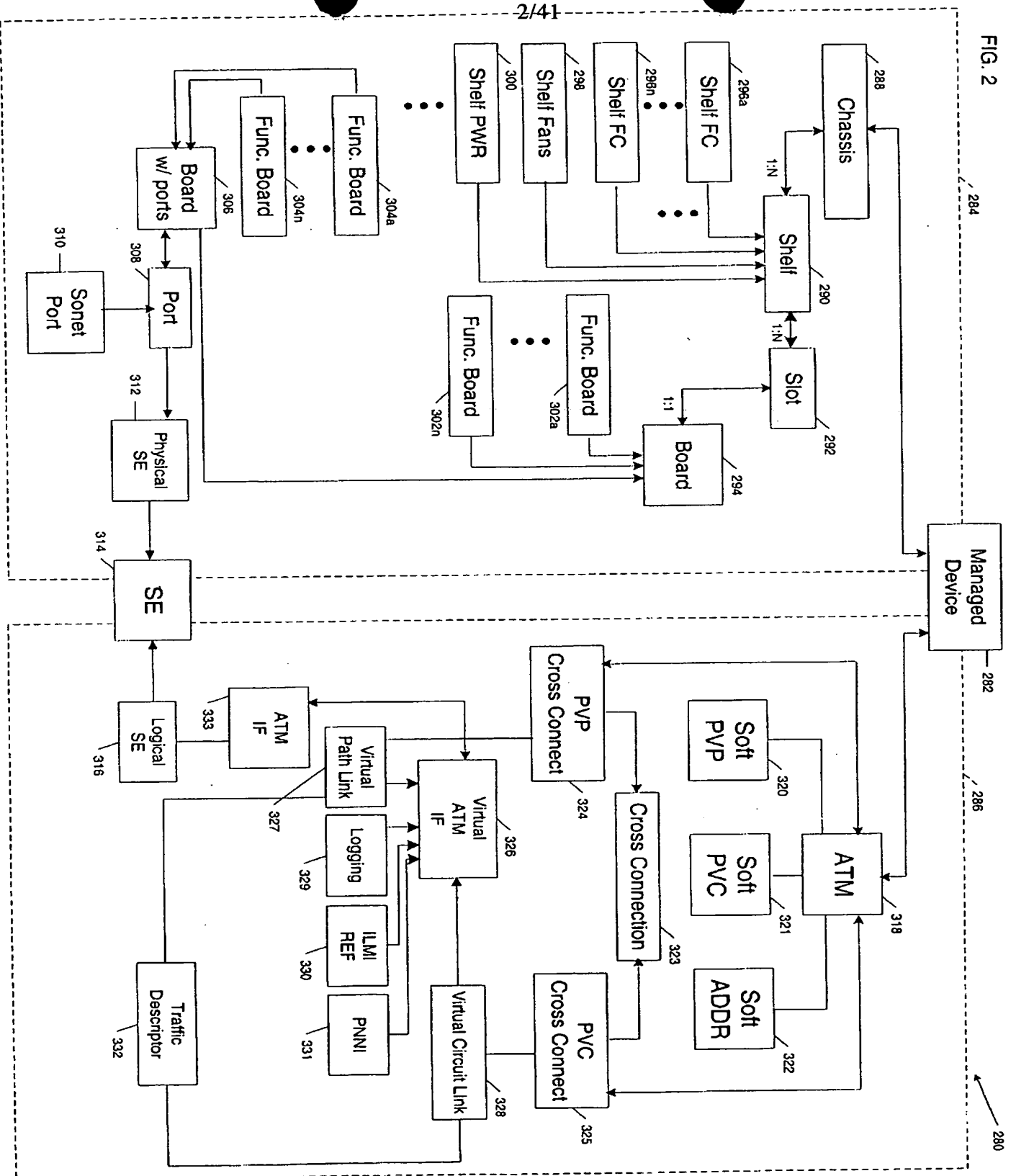


FIG. 3

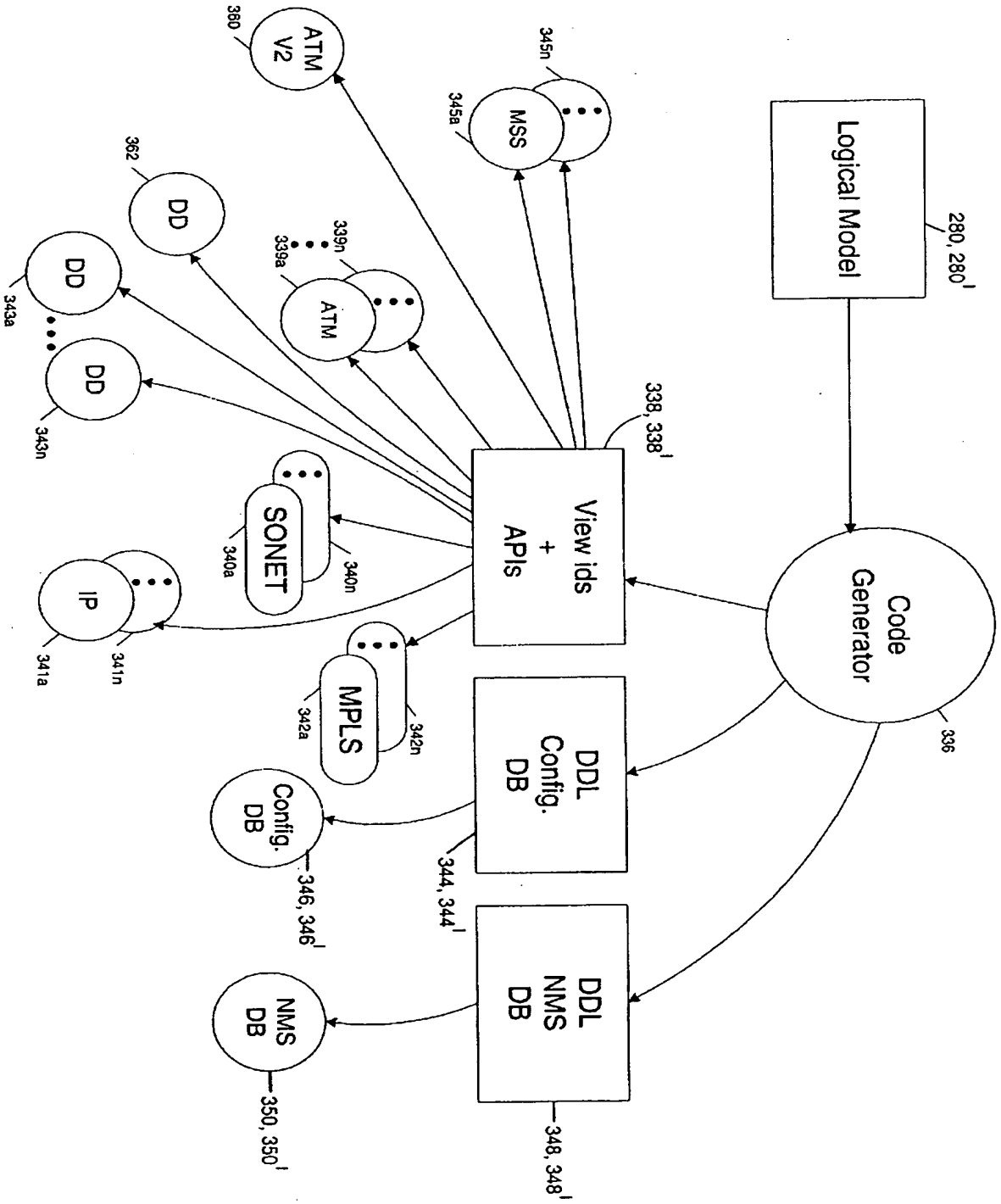


FIG. 3 is a block diagram of a code generator system.

FIG. 4

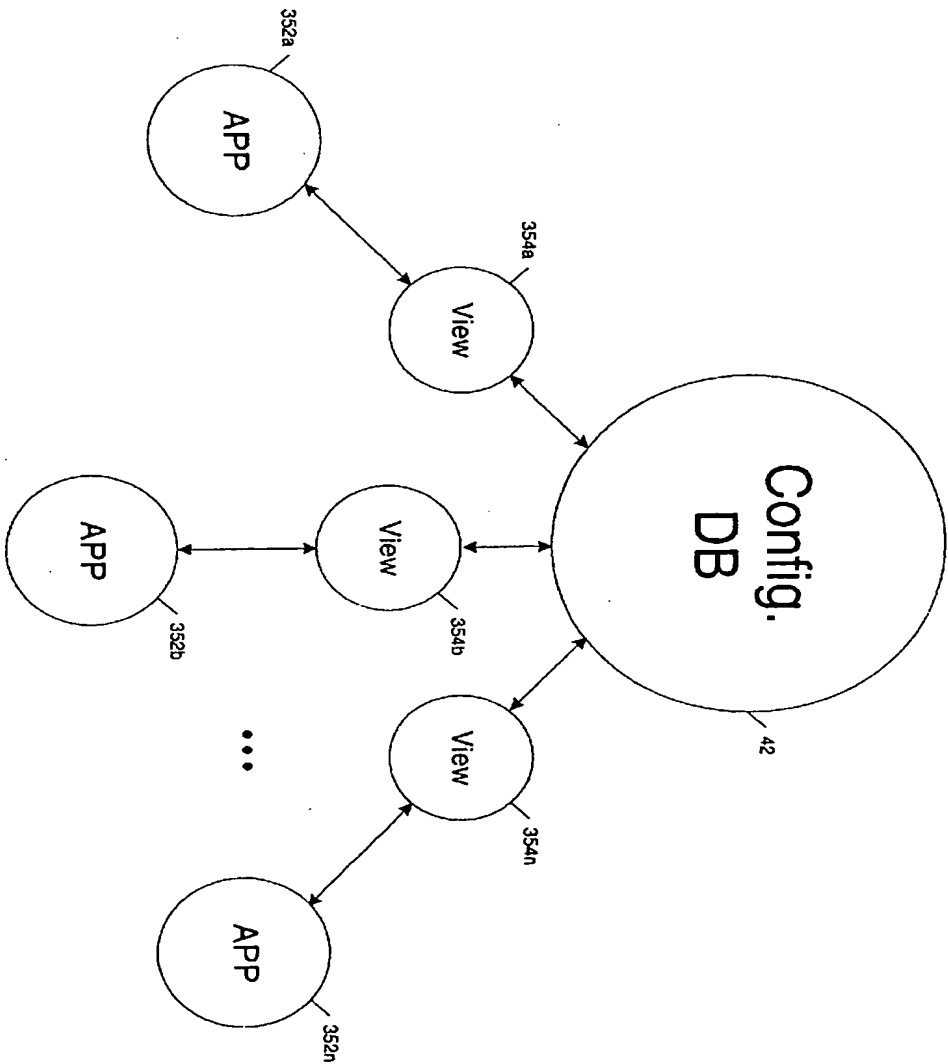
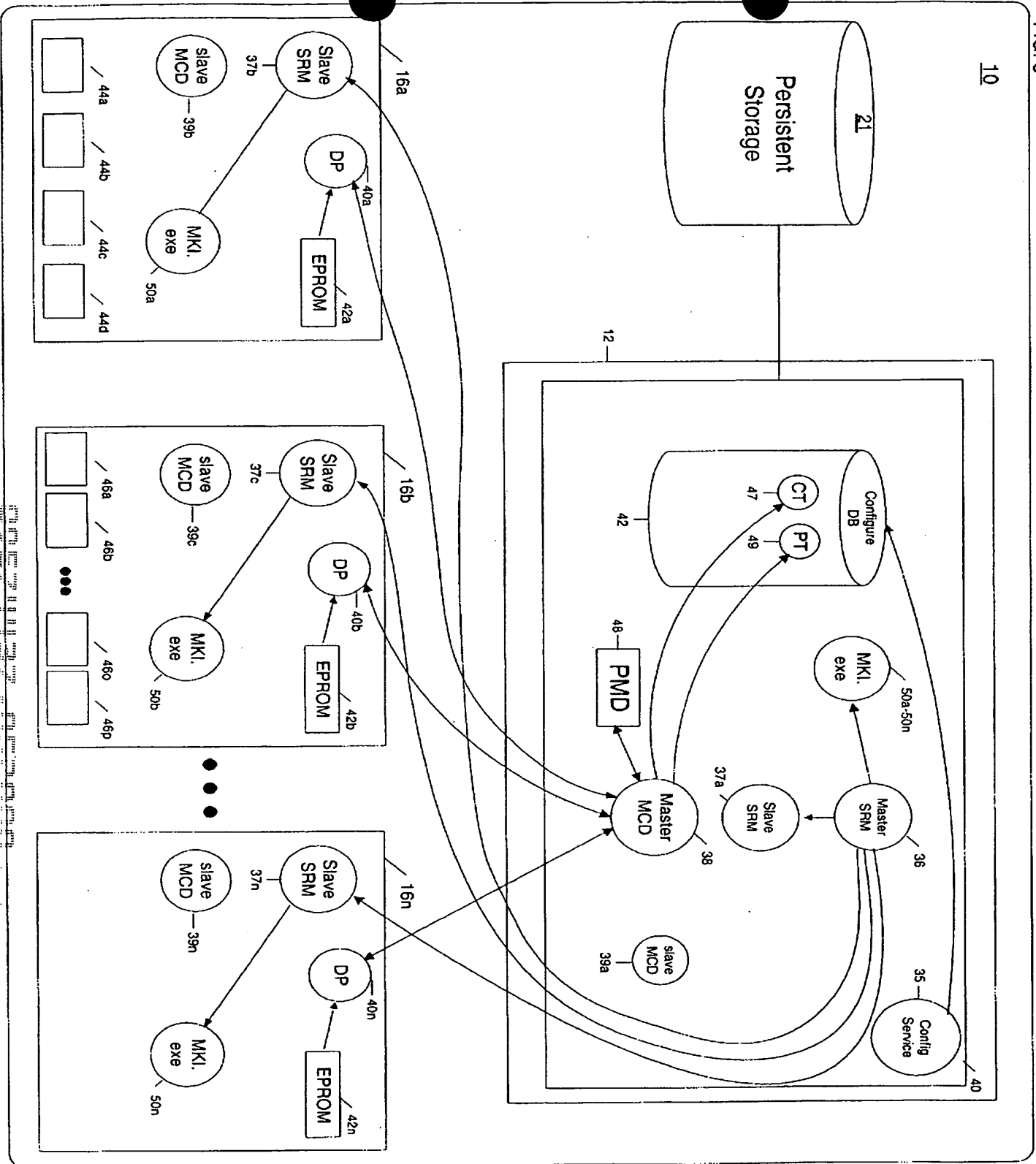


FIG. 5

5/41



CARD TABLE

PID	CWD TYPE	VERSION NO.	SLOT NO.	...
-----	----------	-------------	----------	-----

47

16 a —	500	0XF002	3	1	
16 b —	501	0XF002	4	2	
	⋮	⋮	⋮	⋮	⋮
16 e —	505	0X6002	1	5	
	⋮	⋮	⋮	⋮	⋮
16 n —	513	0XF002	1	12	
	⋮	⋮	⋮	⋮	⋮

FIG. 6

PORT TABLE

PID	PORT TYPE	VERSION NO.	SLOT NO.	...
-----	-----------	-------------	----------	-----

49

44a	1500	00620	1	1	
44b	1501	00620	1	1	
44c	1502	00620	1	1	
44d	1503	00620	1	1	
46a	1504	00820			

	1600	00620	1	8	

FIG. 7

FIG. 8

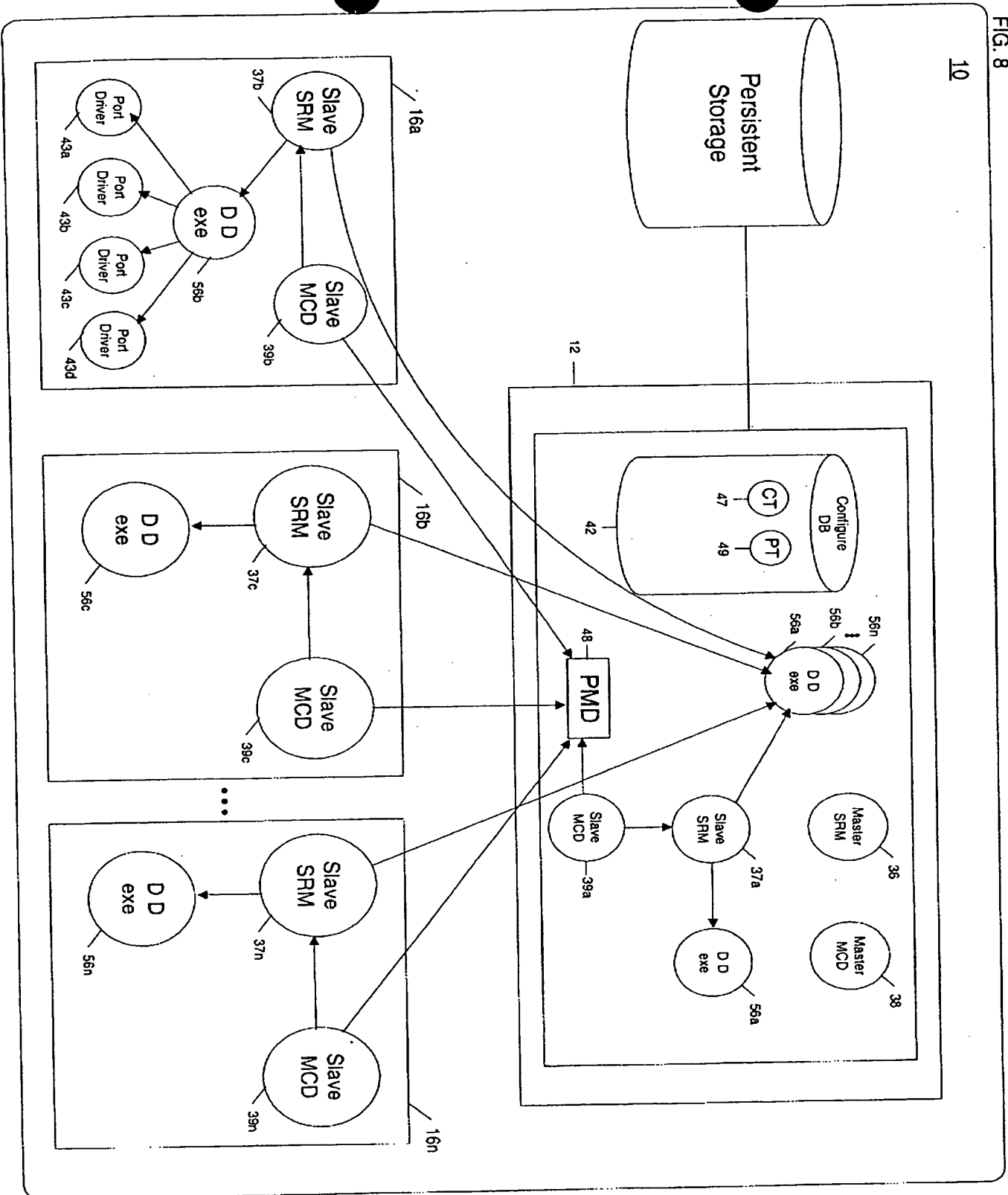


FIG. 9

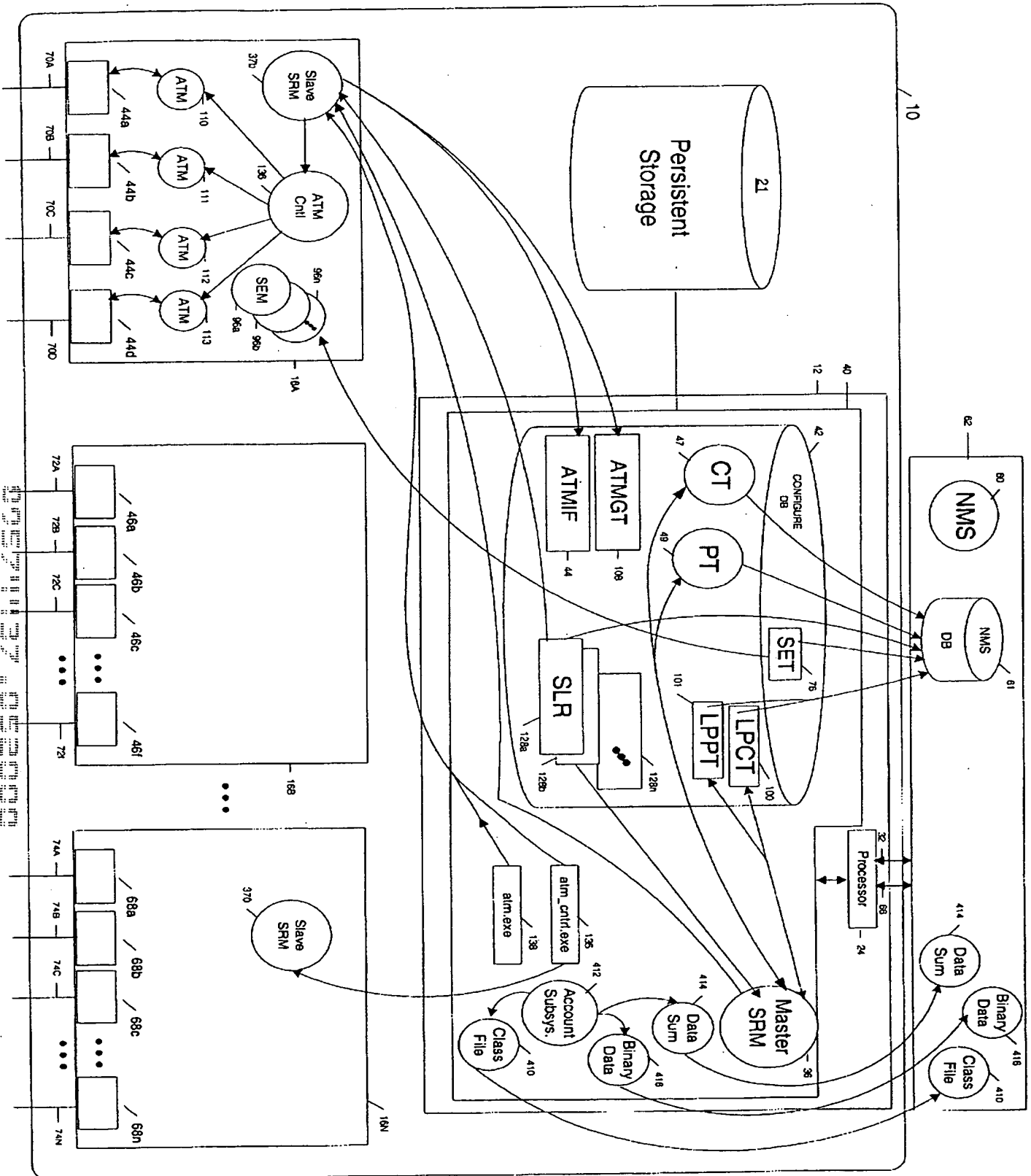


FIG. 10

Service Endpoint Table 76

	Service Endpoint #	Port PID
78	1	1500
80	2	1501
82	3	1501
84	4	1501
86	5	1502
88	6	1502
90	7	1503
92	8	1503
94	9	1503
168	10	1502
	⋮	⋮

FIG. 11a

Logical to Physical Card Table 100

	LID	Primary PID	Back-up PID
106	30	500	513
109	31	501	513
	⋮	⋮	⋮

FIG. 11b

Logical to Physical Port Table 101

	LID	Primary PID	Back-up PID
107	40	1500	1600
	⋮	⋮	⋮

FIG. 12

ATM Group Table 108

Group #	Card LID	...
1	30	
2	30	
3	30	
4	30	

FIG. 13

ATM Interface Table 114

ATM IF	ATM Group	SE	...
1	1	1	
2	1	1	
3	1	1	
4	2	2	
5	2	3	
6	2	4	
⋮	⋮	⋮	⋮
12	3	10	
⋮	⋮	⋮	⋮

FIG. 14

Software Load Record 128a

130	Control Shim	LID	132
134	atm-cntl.exe	30	

FIG. 15

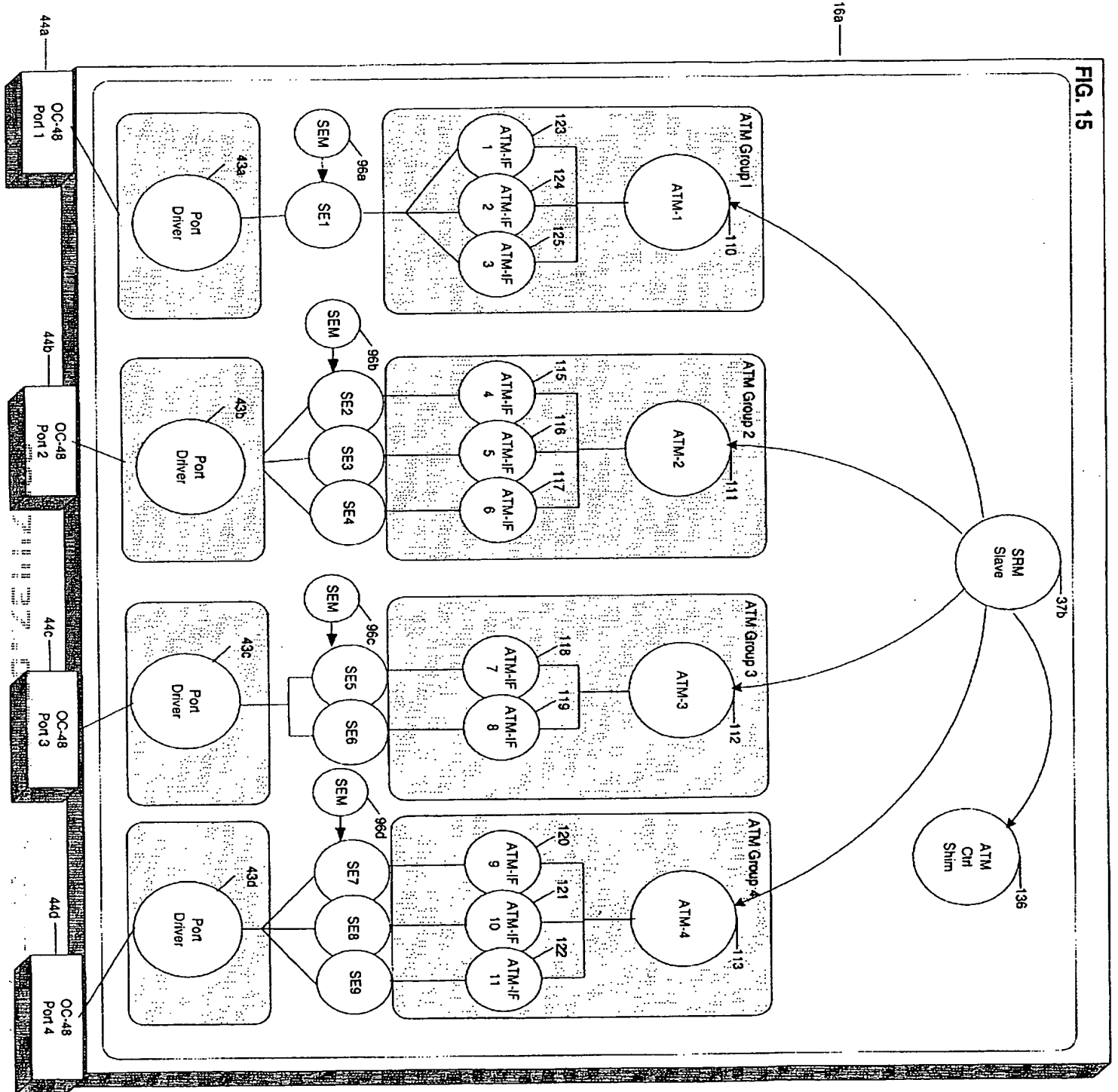


FIG. 16a

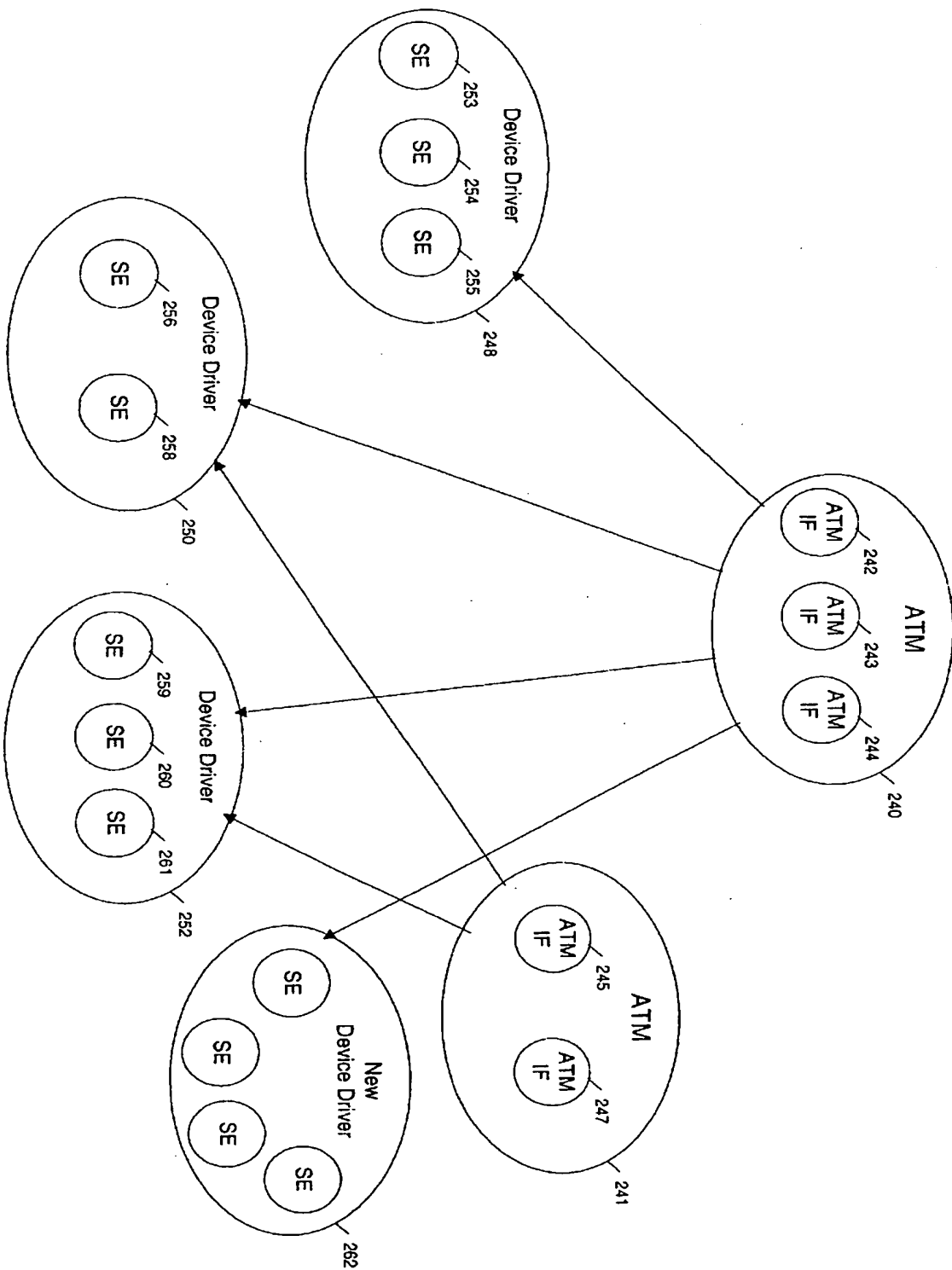


FIG. 16b

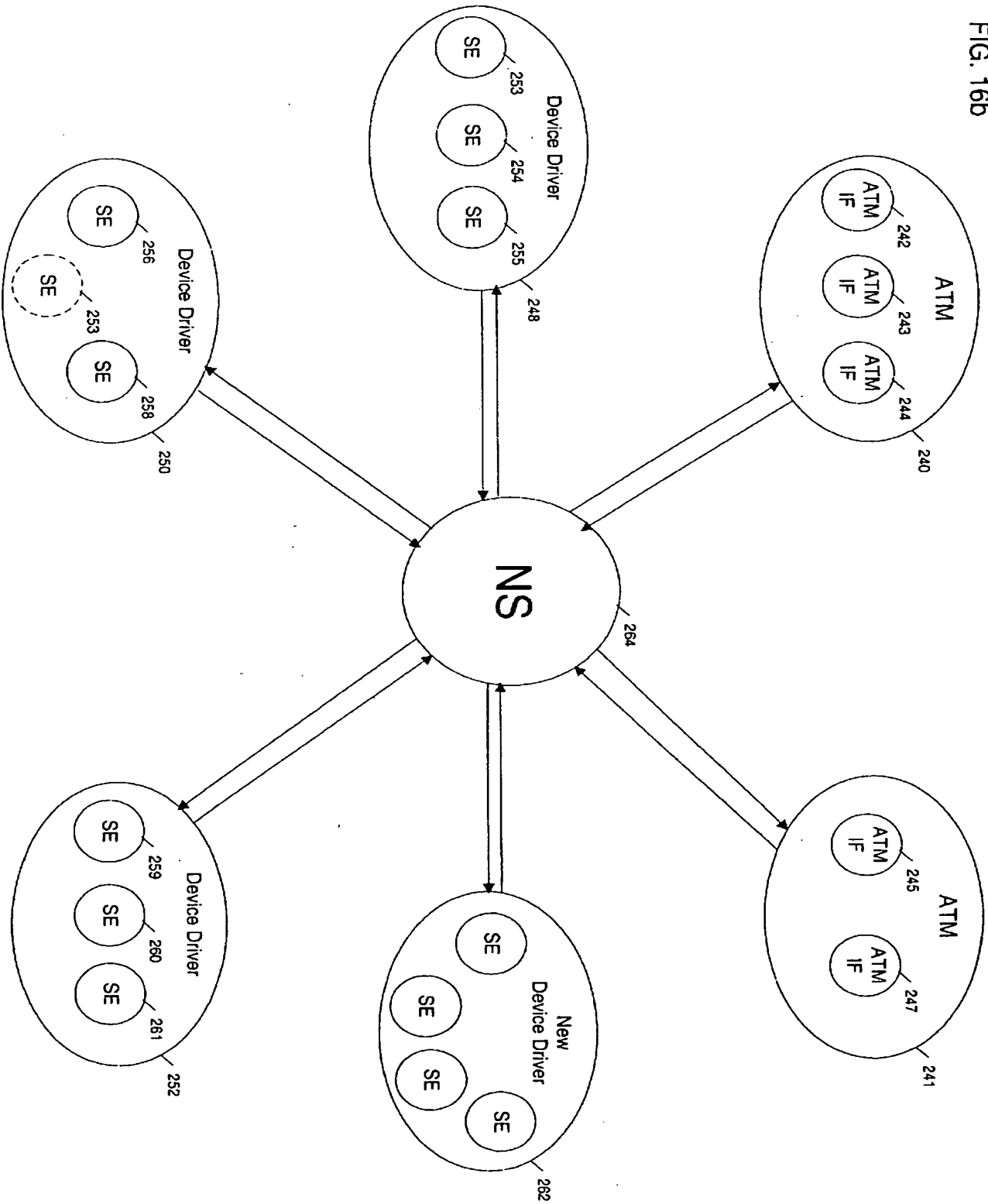


FIG. 16c

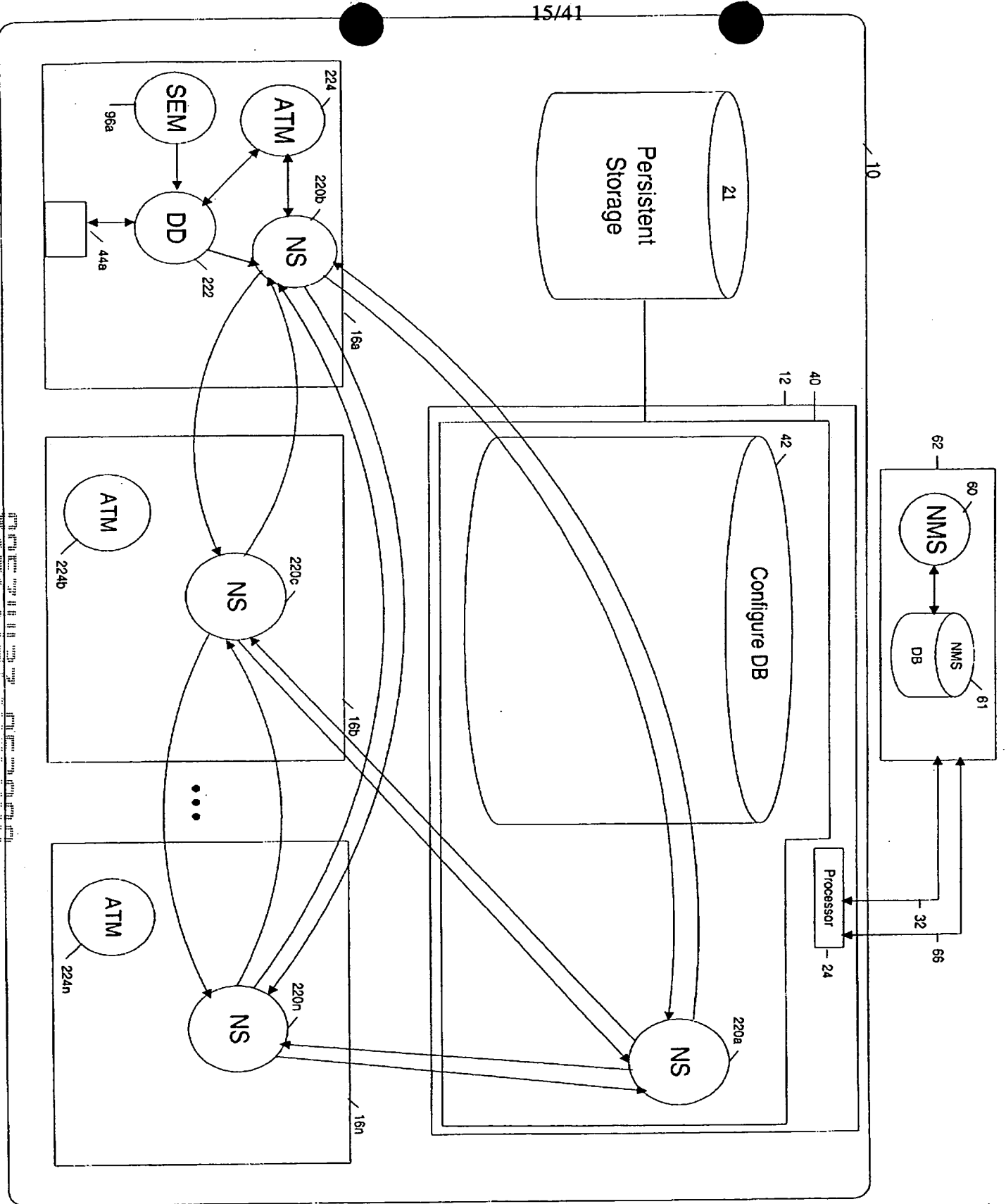
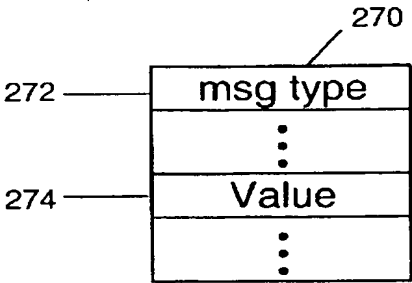


FIG. 16d



17/41

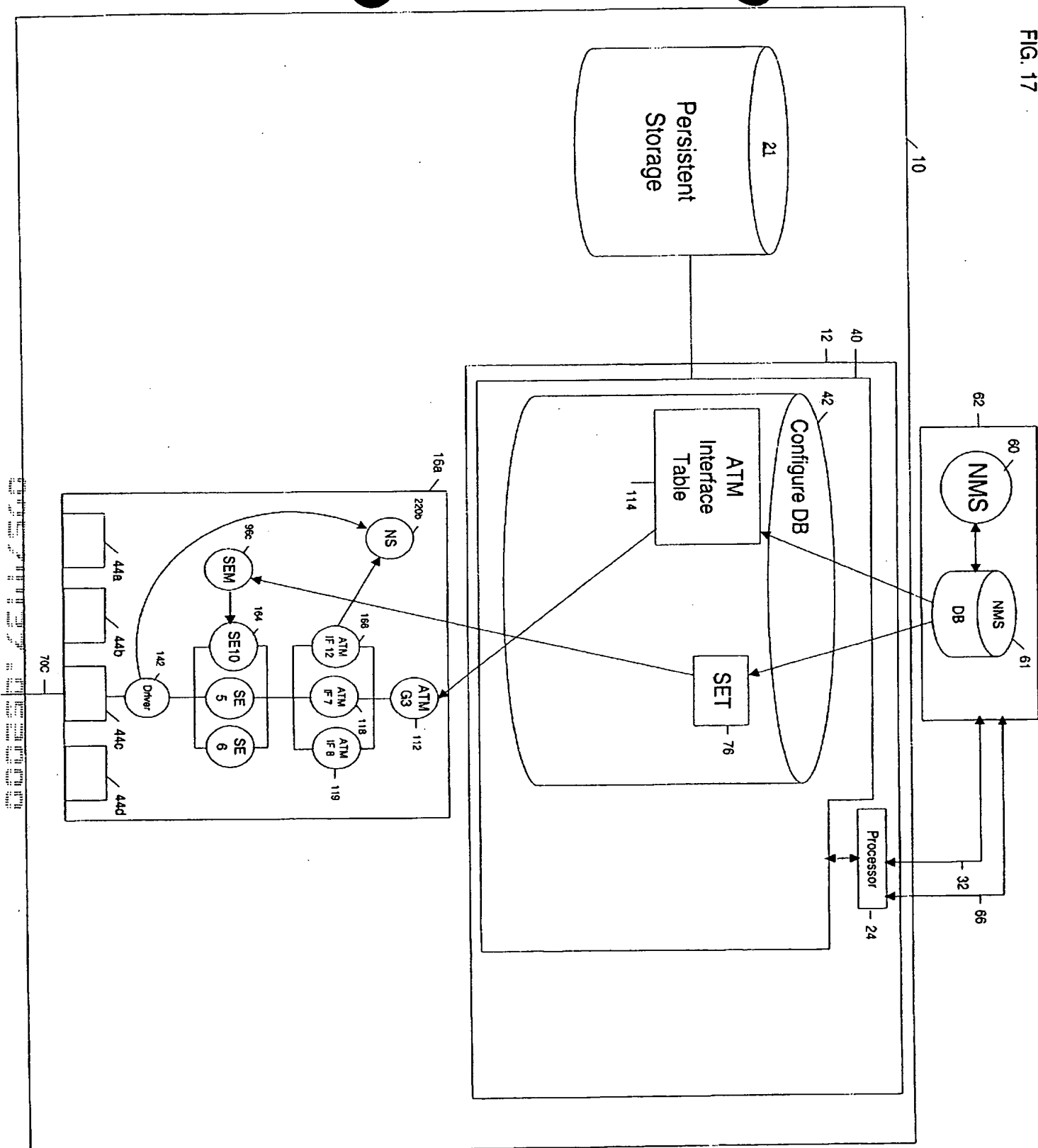
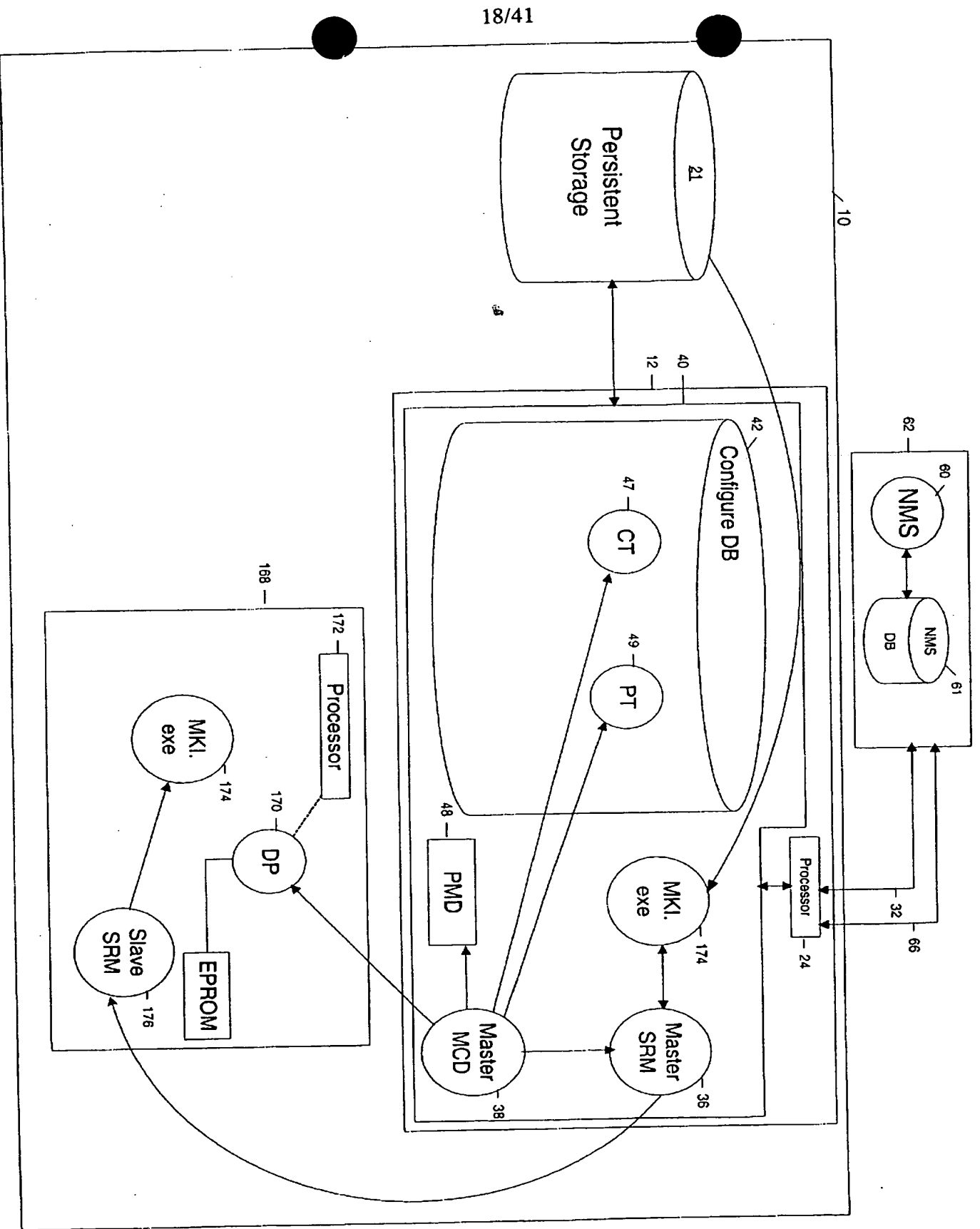


FIG. 18



[illegible]

FIG. 20

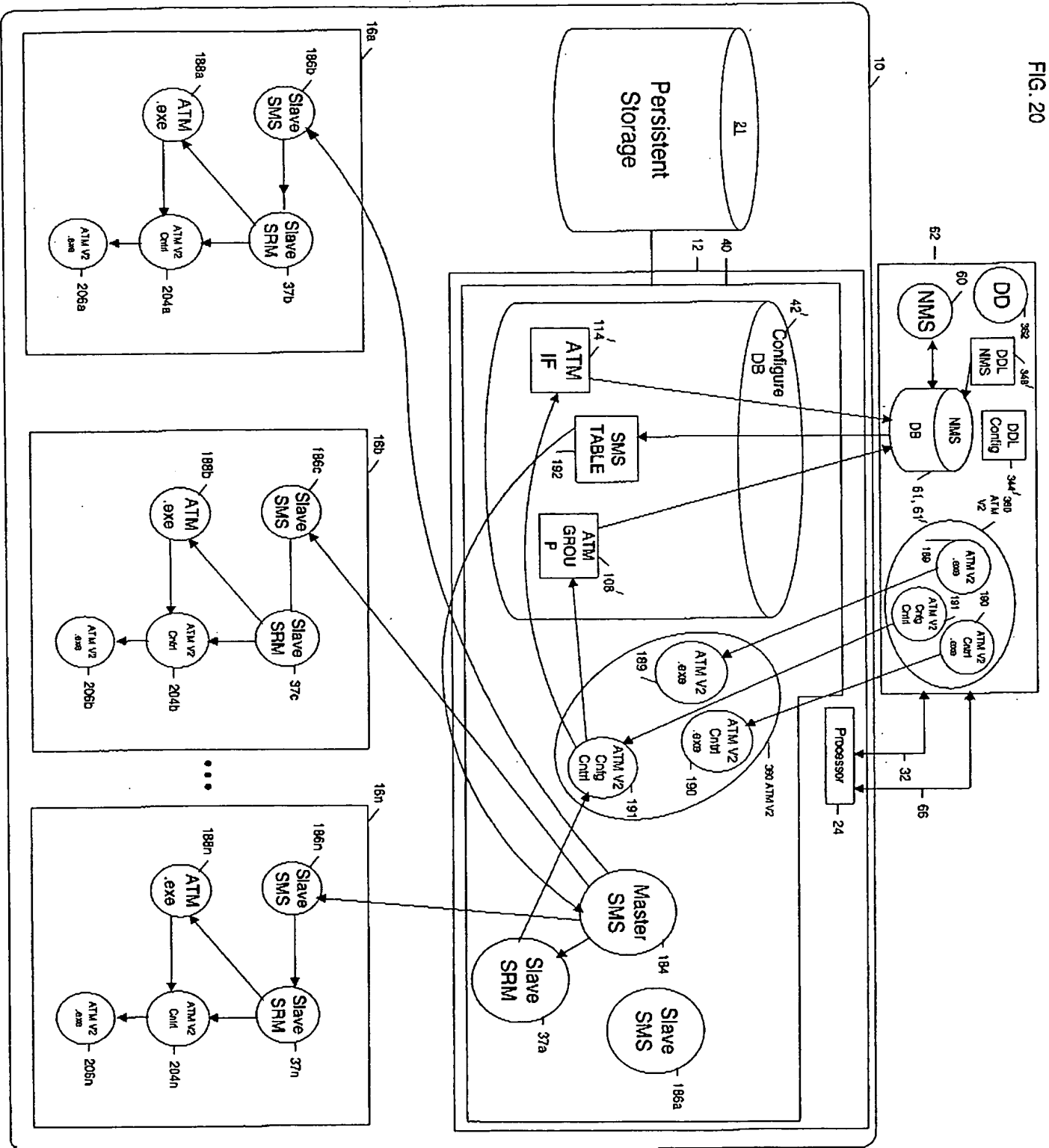


FIG. 21

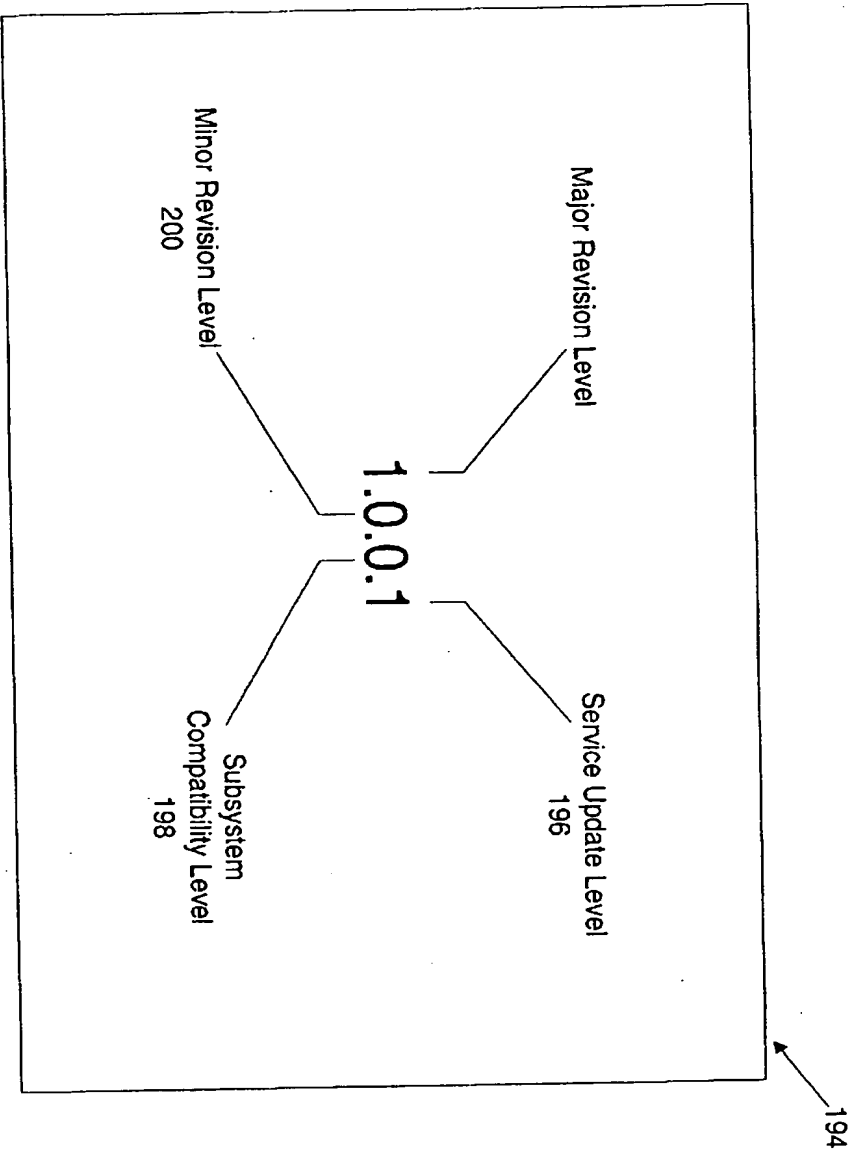


FIG. 22

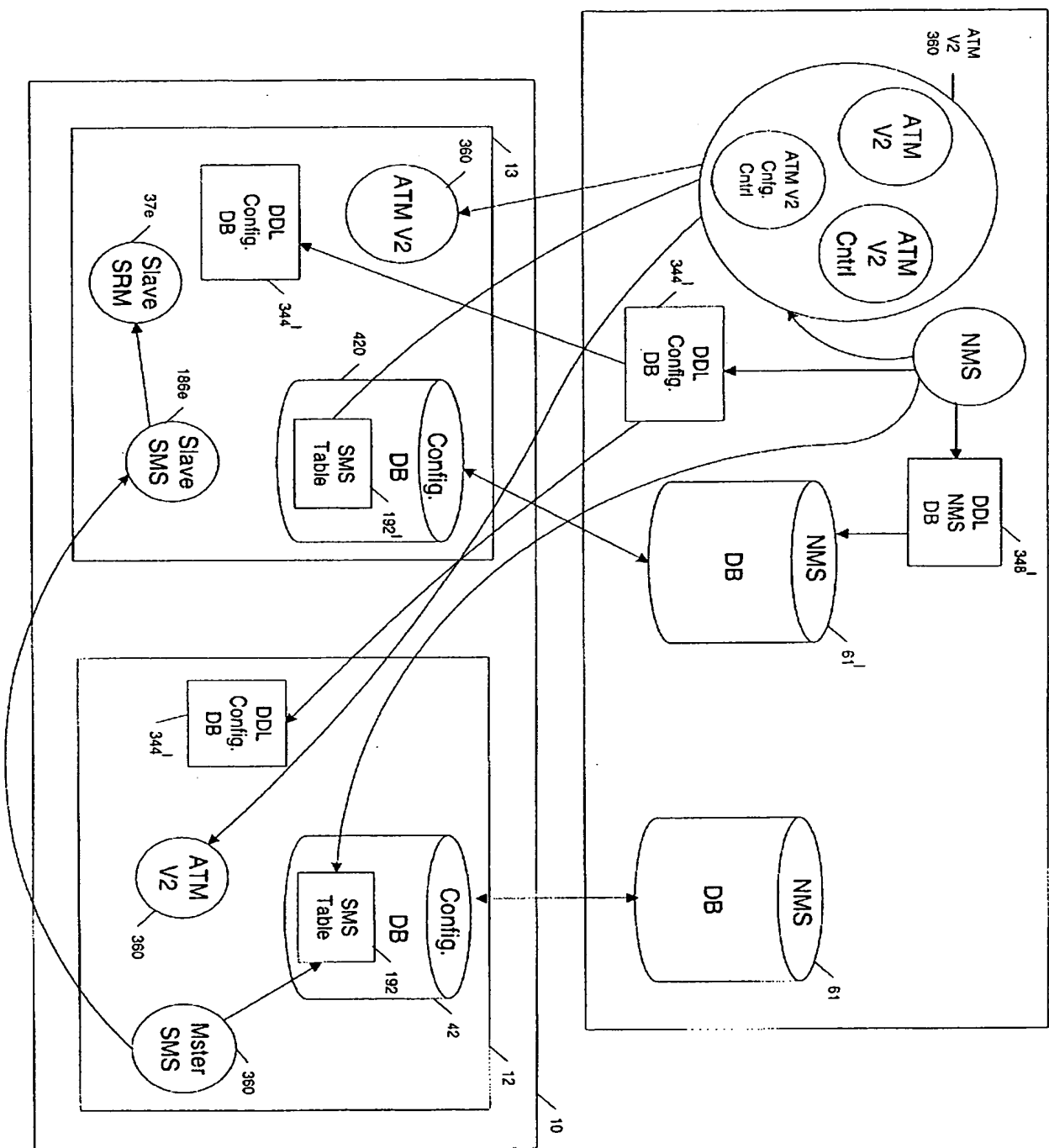


FIG. 23

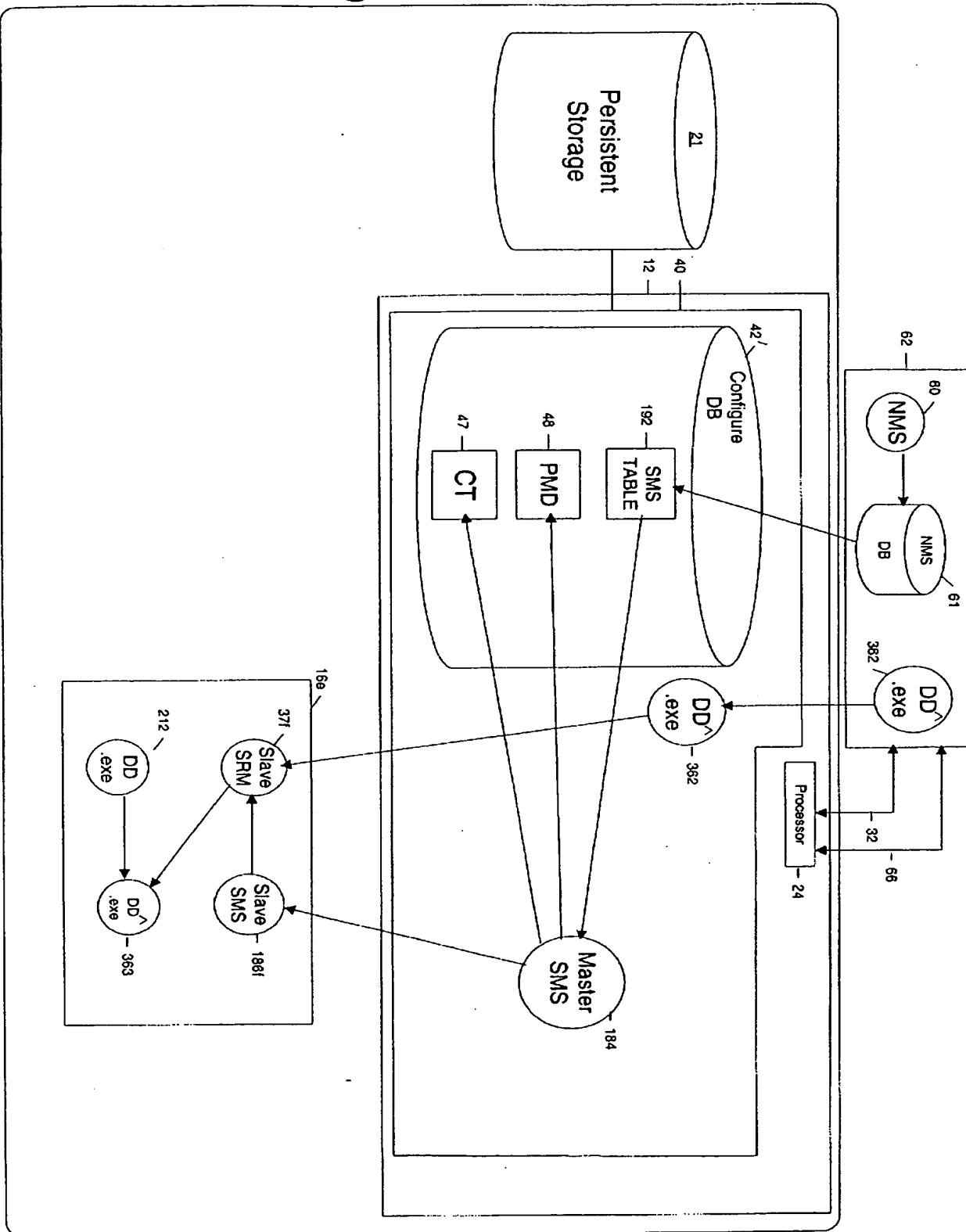


FIG. 24

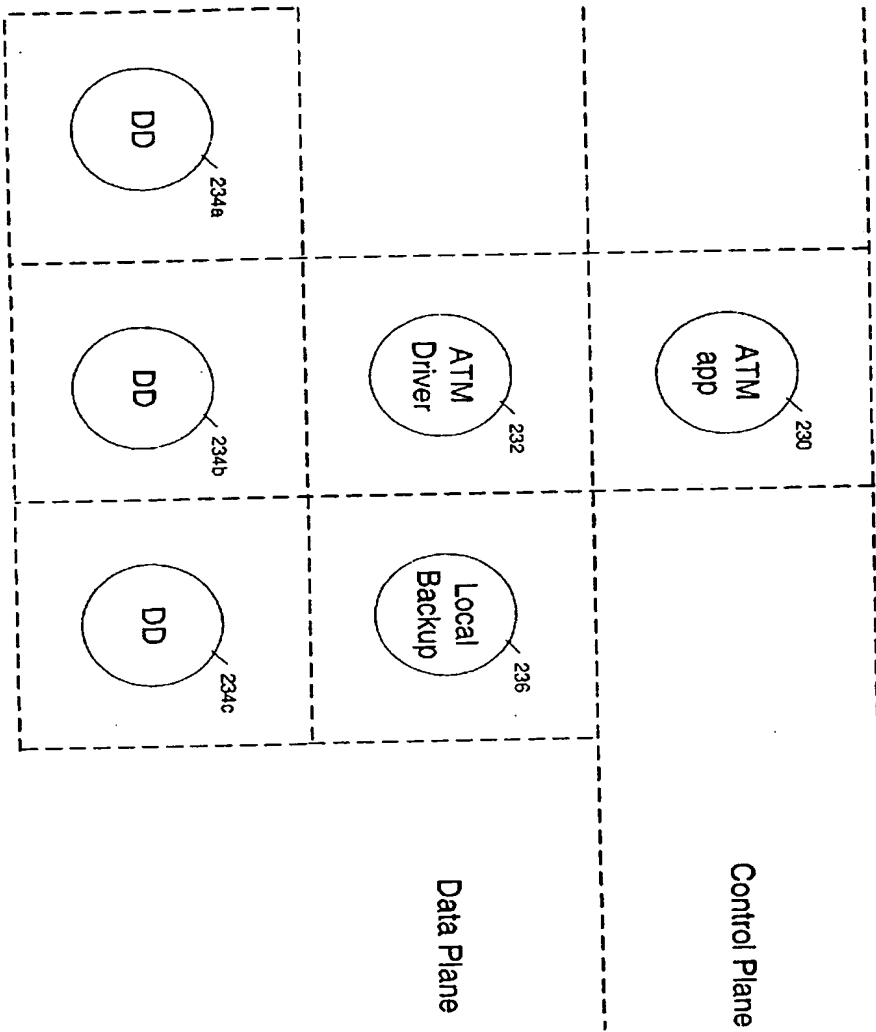
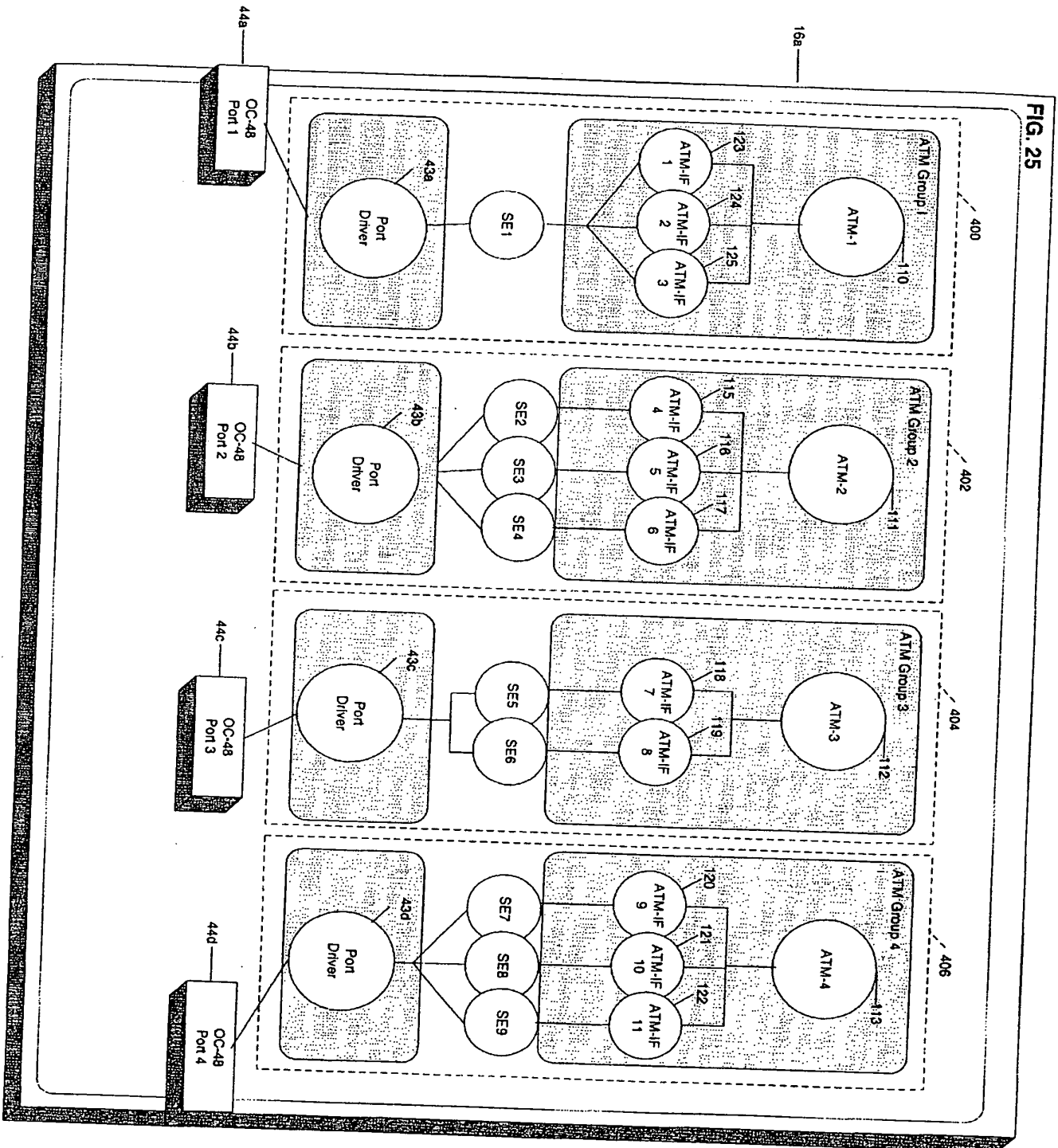


FIG. 25



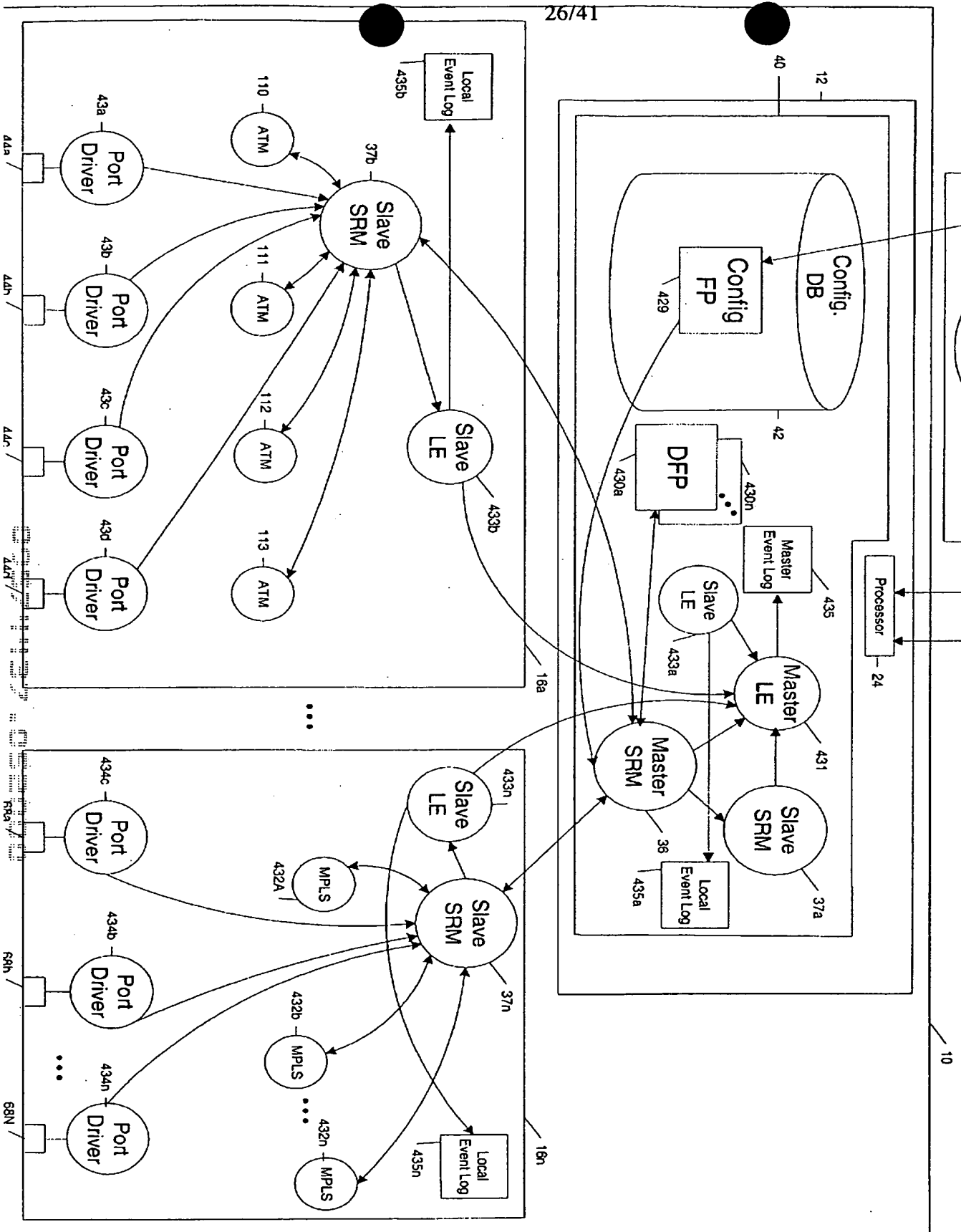


FIG. 27

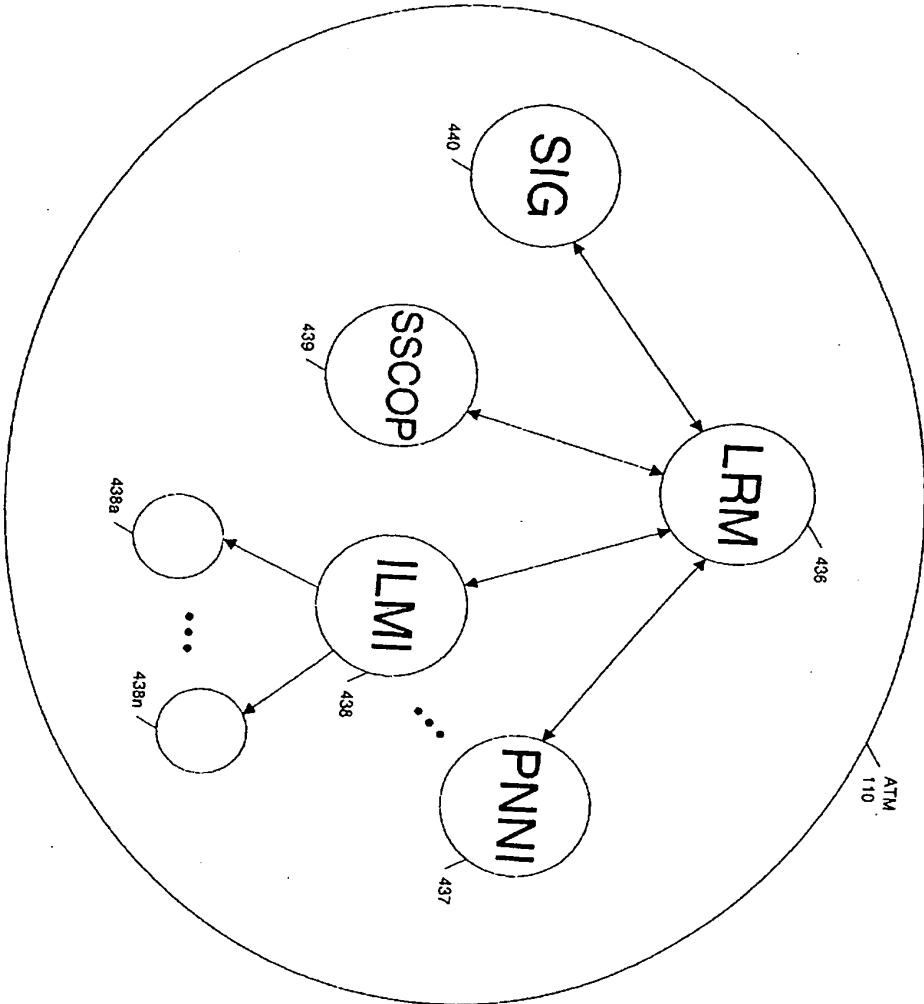


FIG. 27 is a block diagram of a network architecture within a container labeled ATM 110. A central node, LRM (436), is connected to four other nodes: SIG (440), SSCOP (439), PNNI (437), and ILM (438). The ILM (438) node is further connected to a sequence of nodes labeled 438a, ..., 438n.

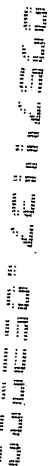


FIG. 29

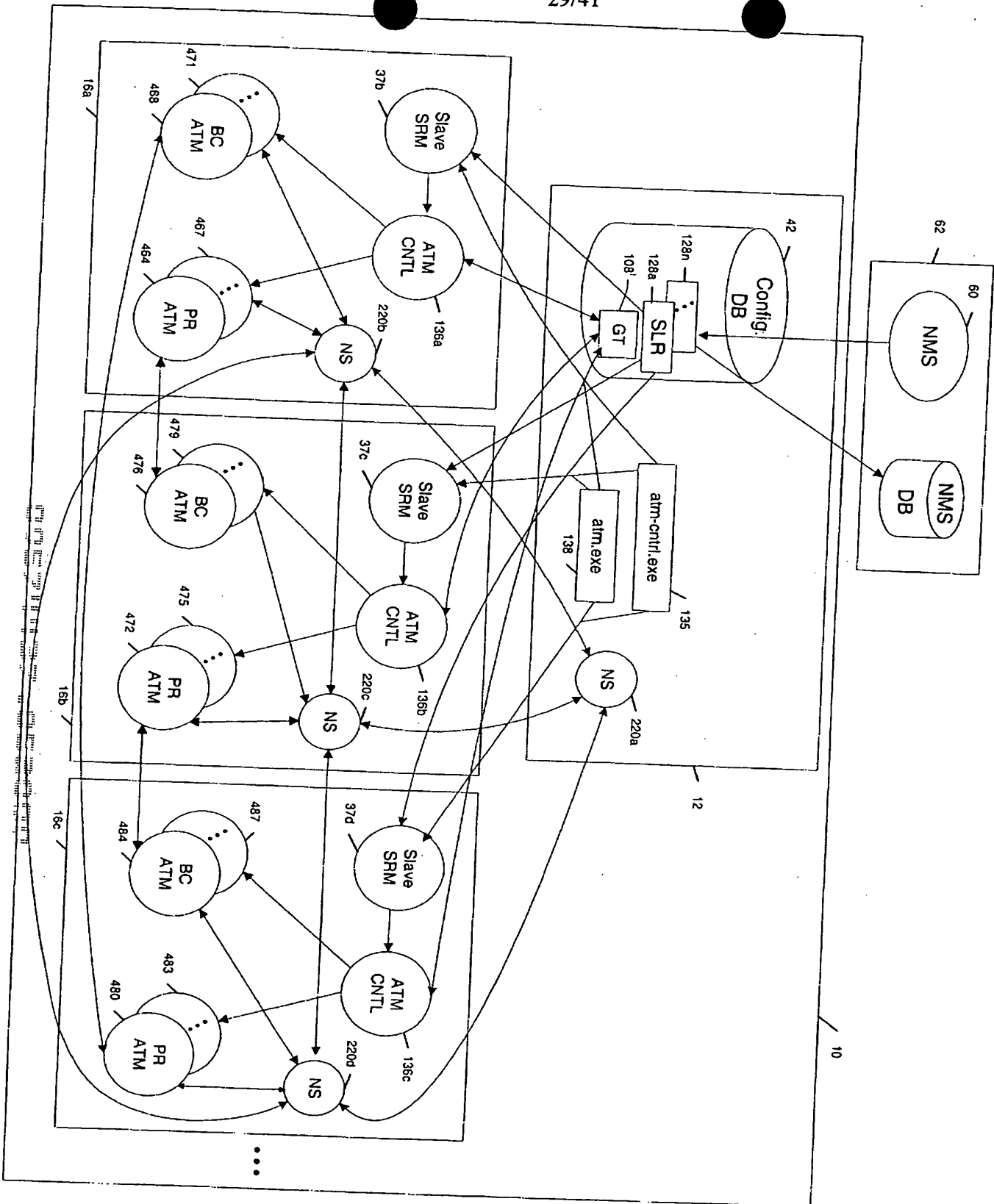


FIG.30

Group Table 108'

	Group #	Primary Card LID	Backup Card LID	...
450	1	30	31	
451	2	30	31	
452	3	30	31	
453	4	30	31	
454	5	31	32	
455	6	31	32	
456	7	31	32	
457	8	31	32	
458	9	32	30	
459	10	32	30	
460	11	32	30	
461	12	32	30	
	⋮	⋮	⋮	⋮

Fig. 31a

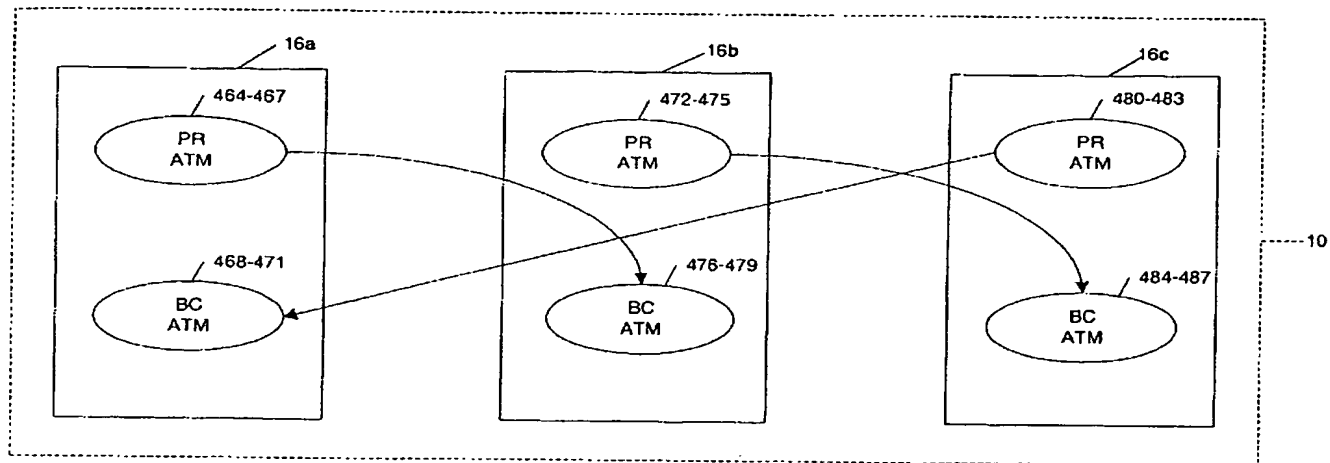


Fig. 31b

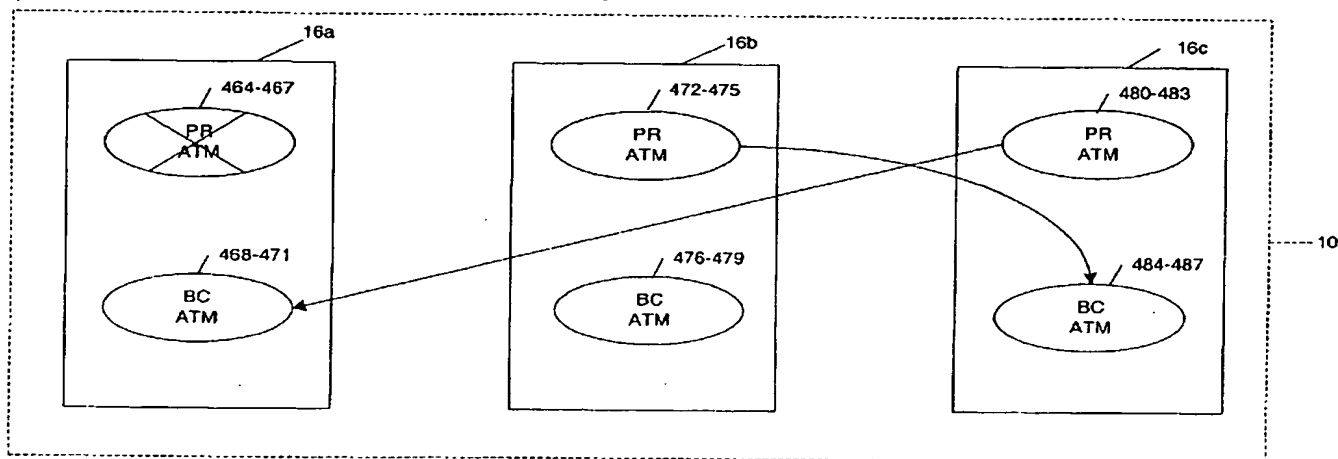


Fig. 31c

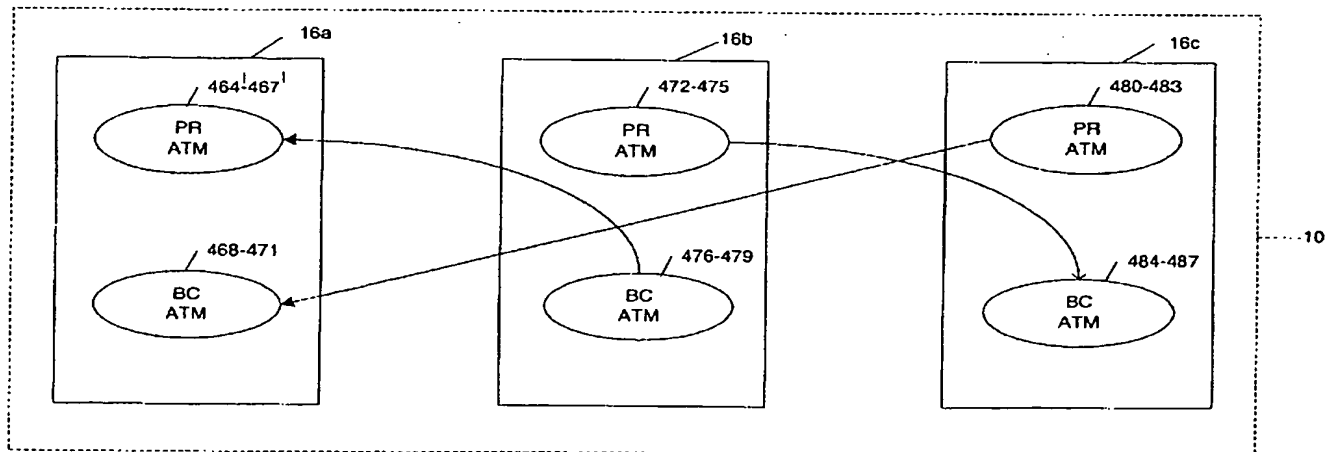


Fig. 32a

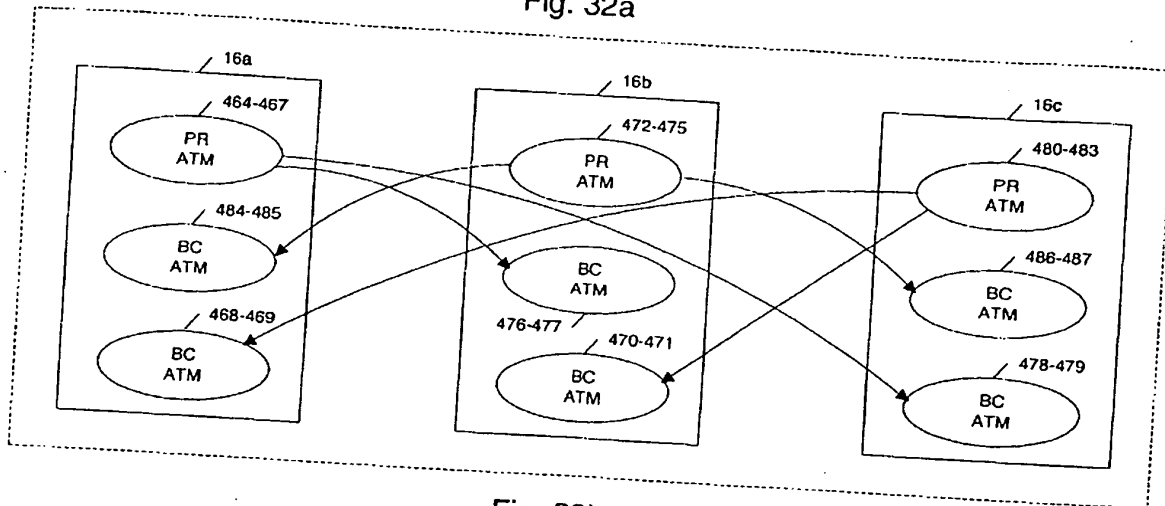


Fig. 32b

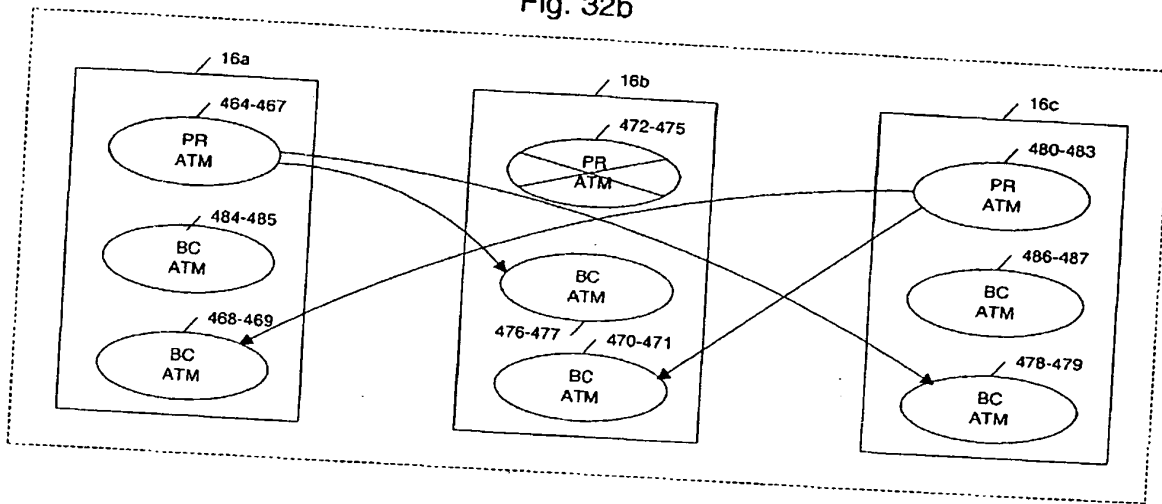


Fig. 32c

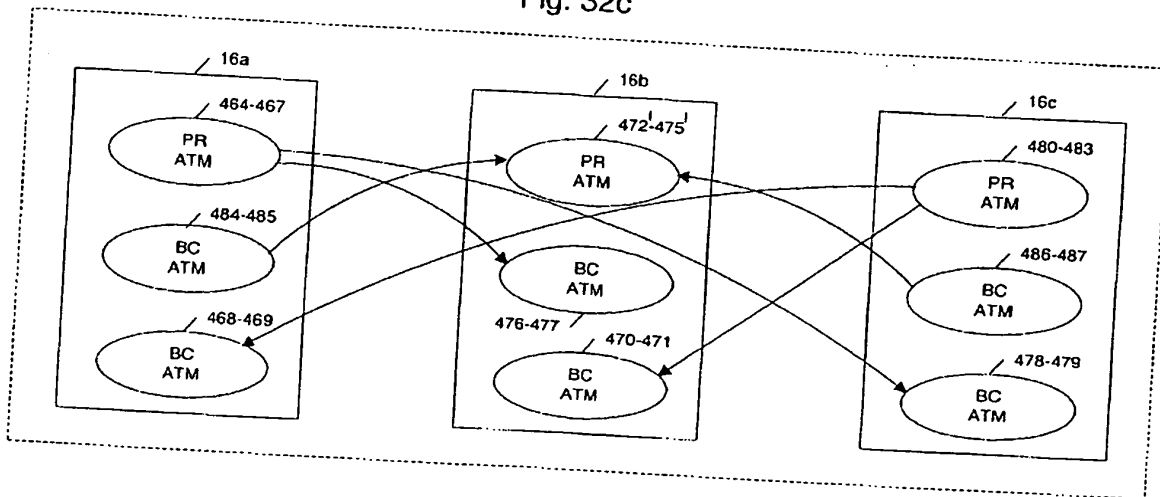


FIG. 33a

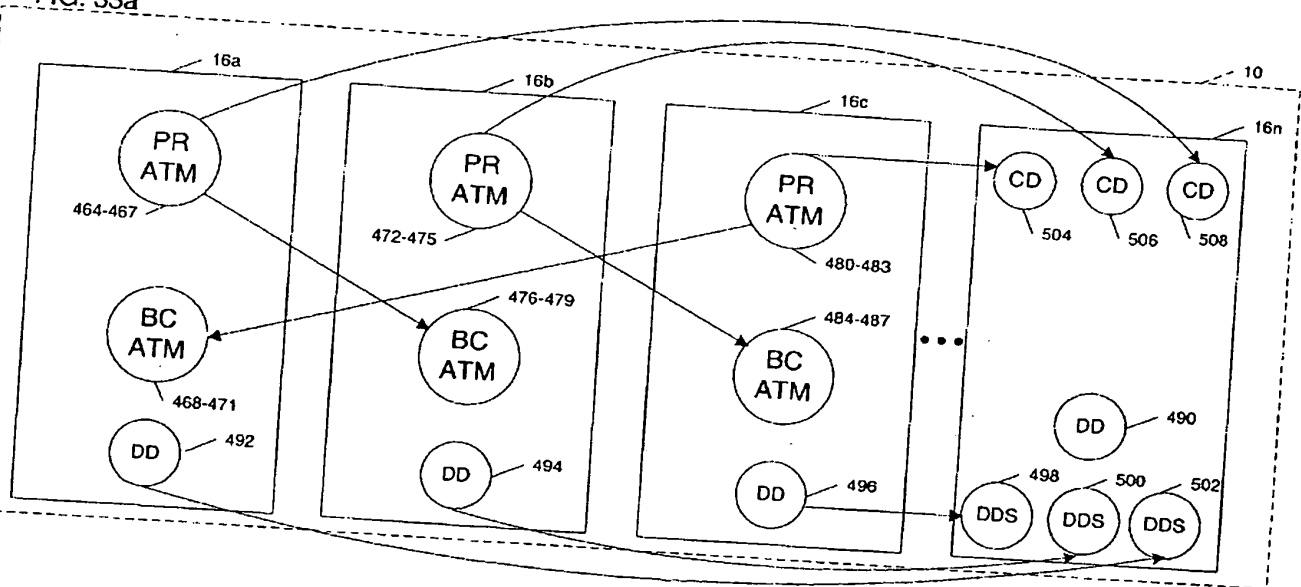


FIG. 33b

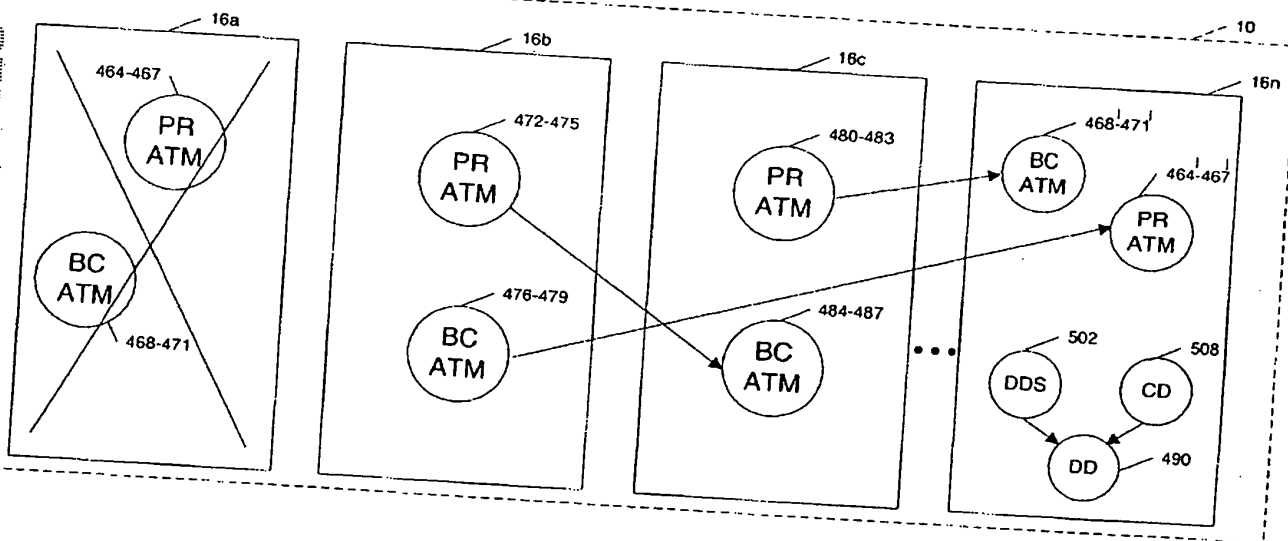


FIG. 33c

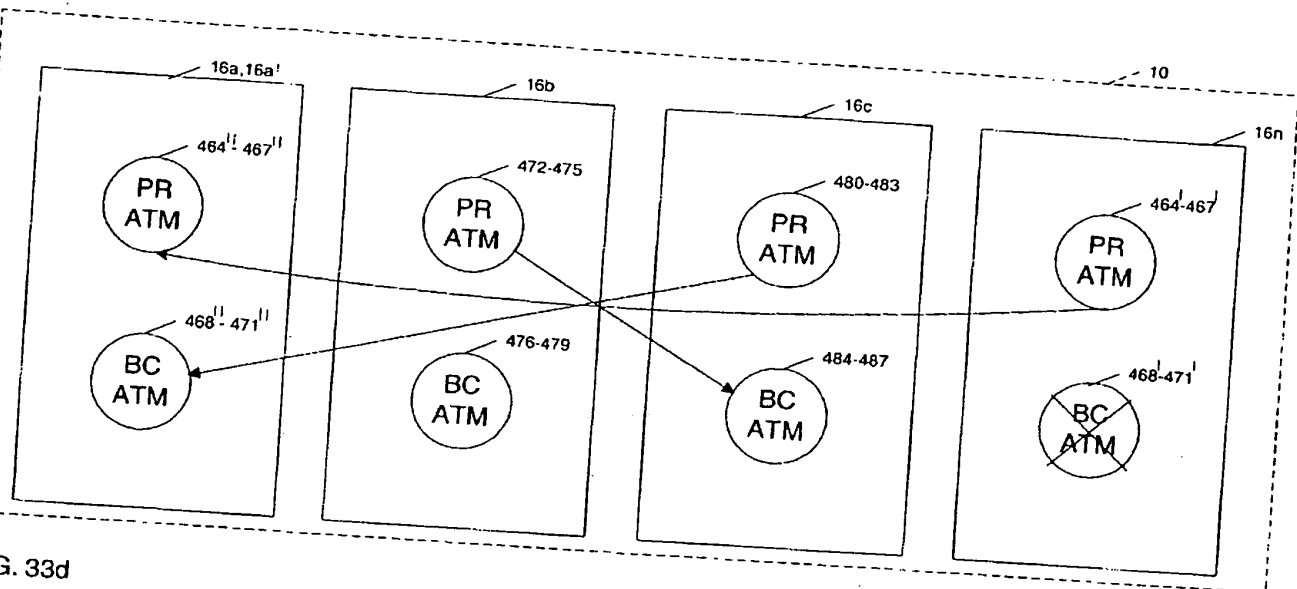


FIG. 33d

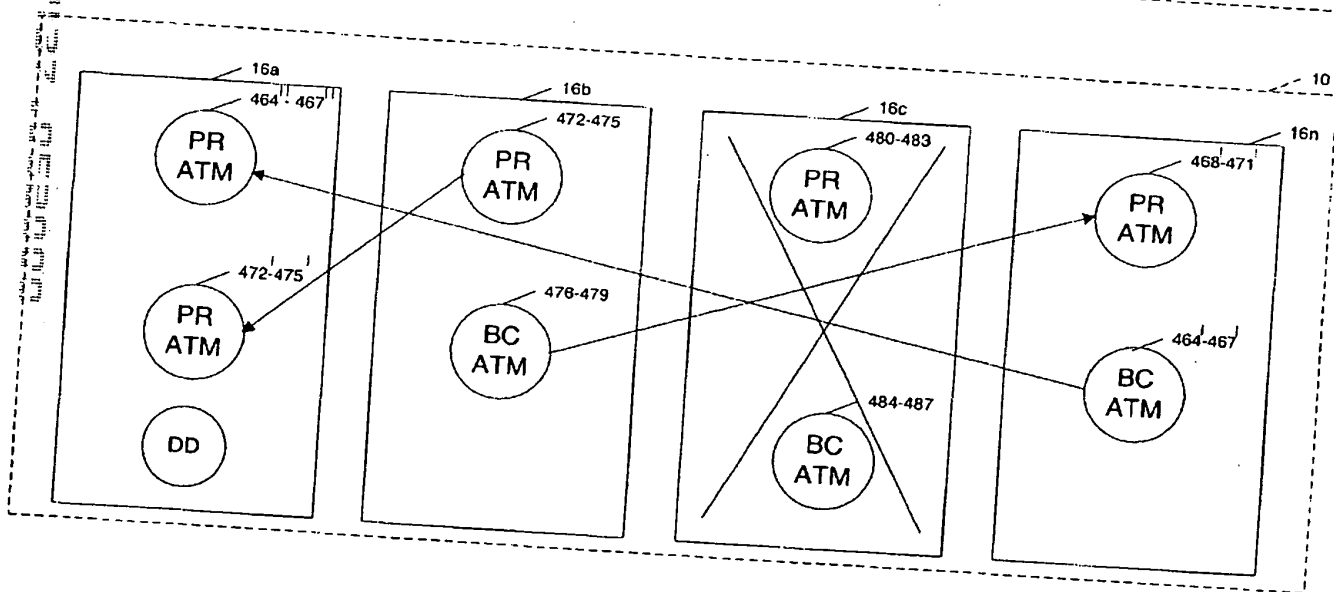


Fig. 34a

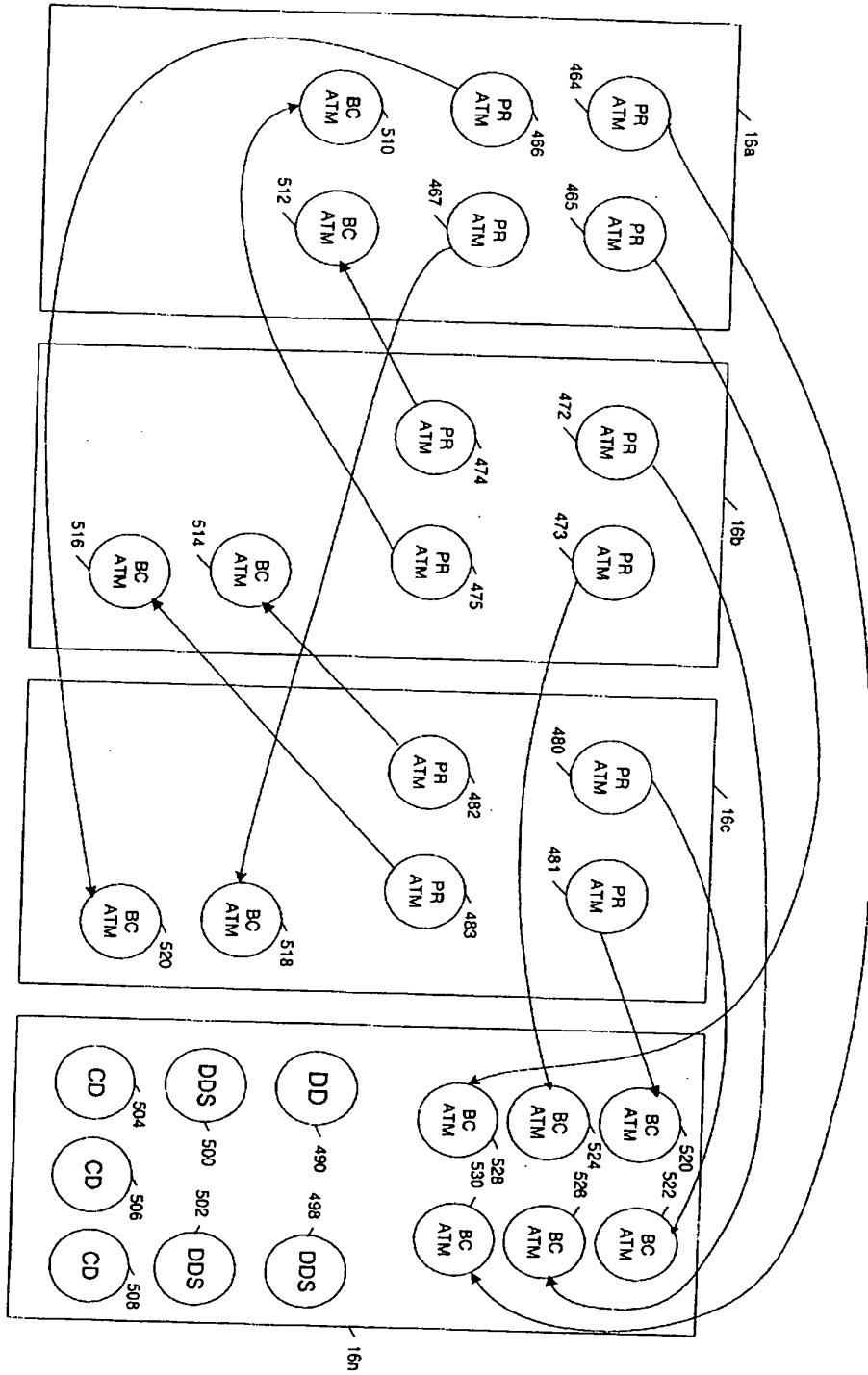


FIG. 34b

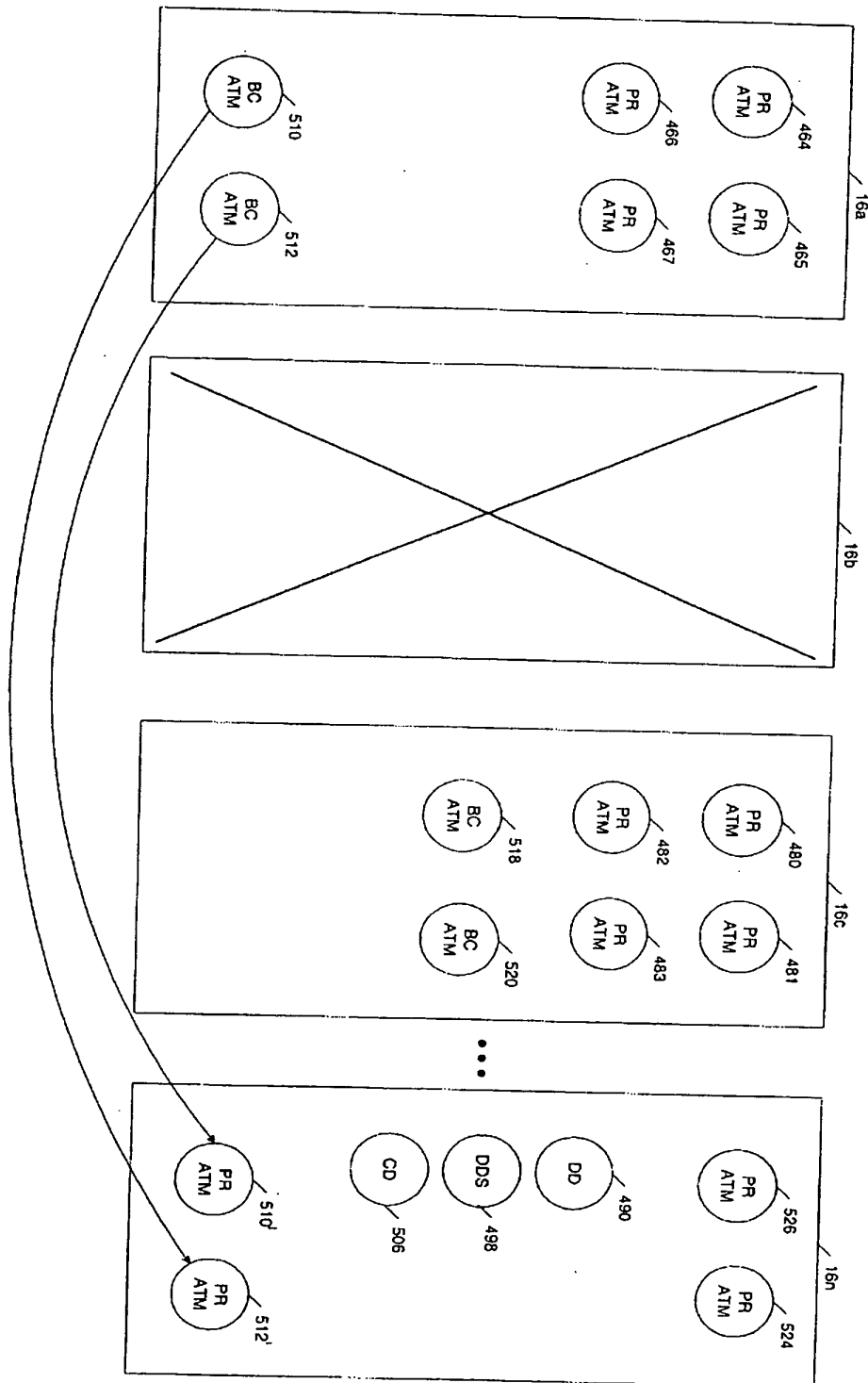


FIG. 35

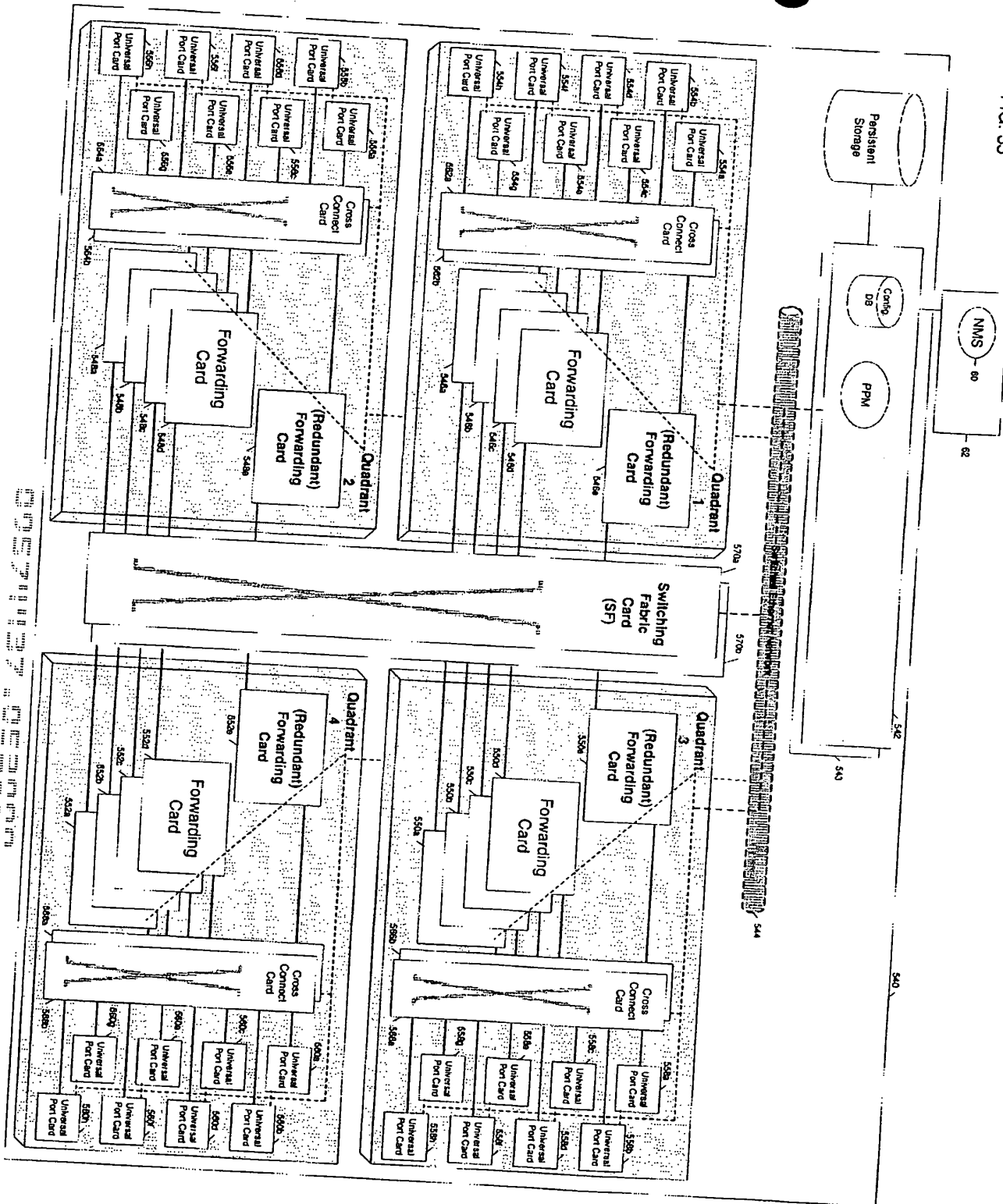


FIG. 36

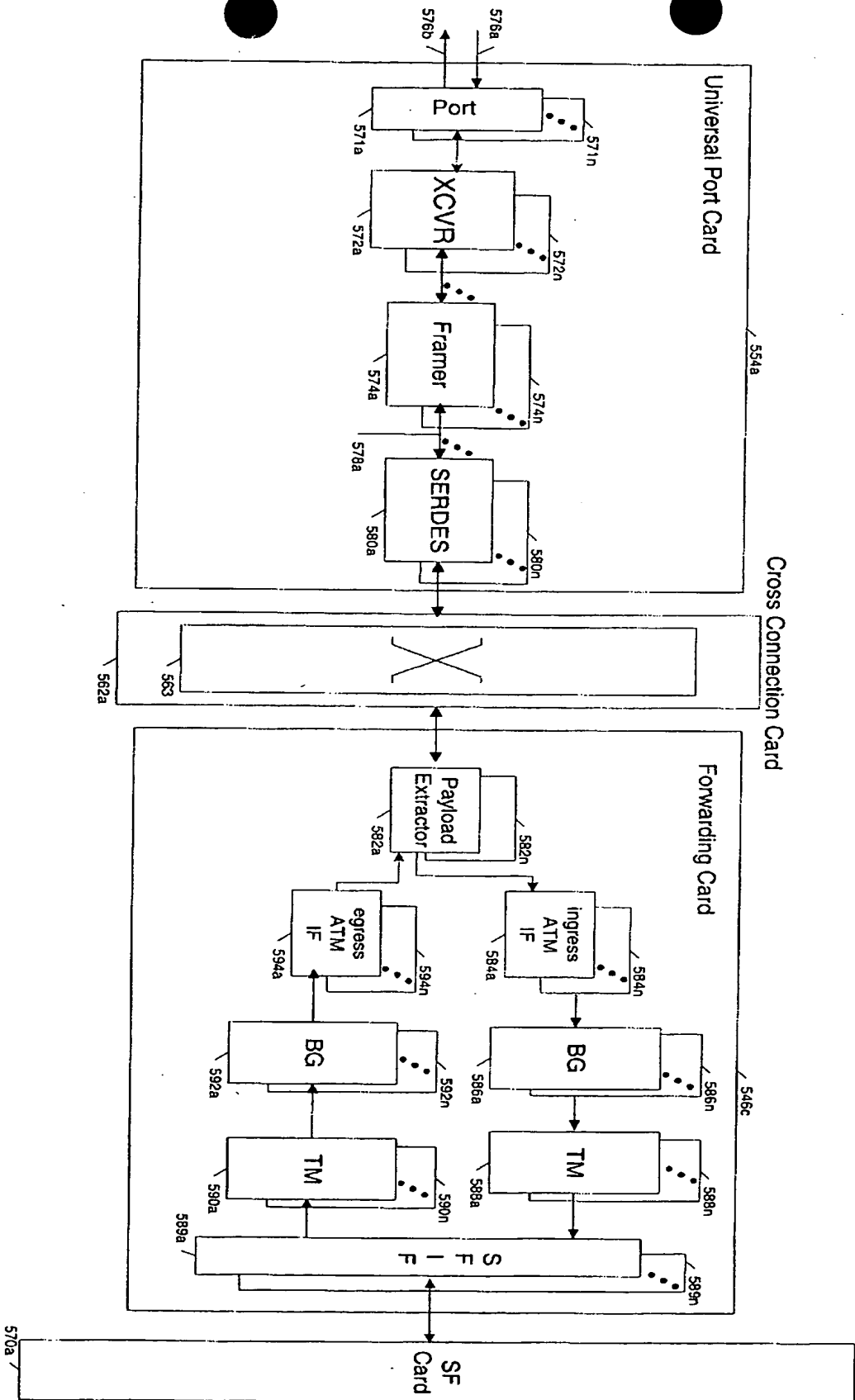


FIG. 37

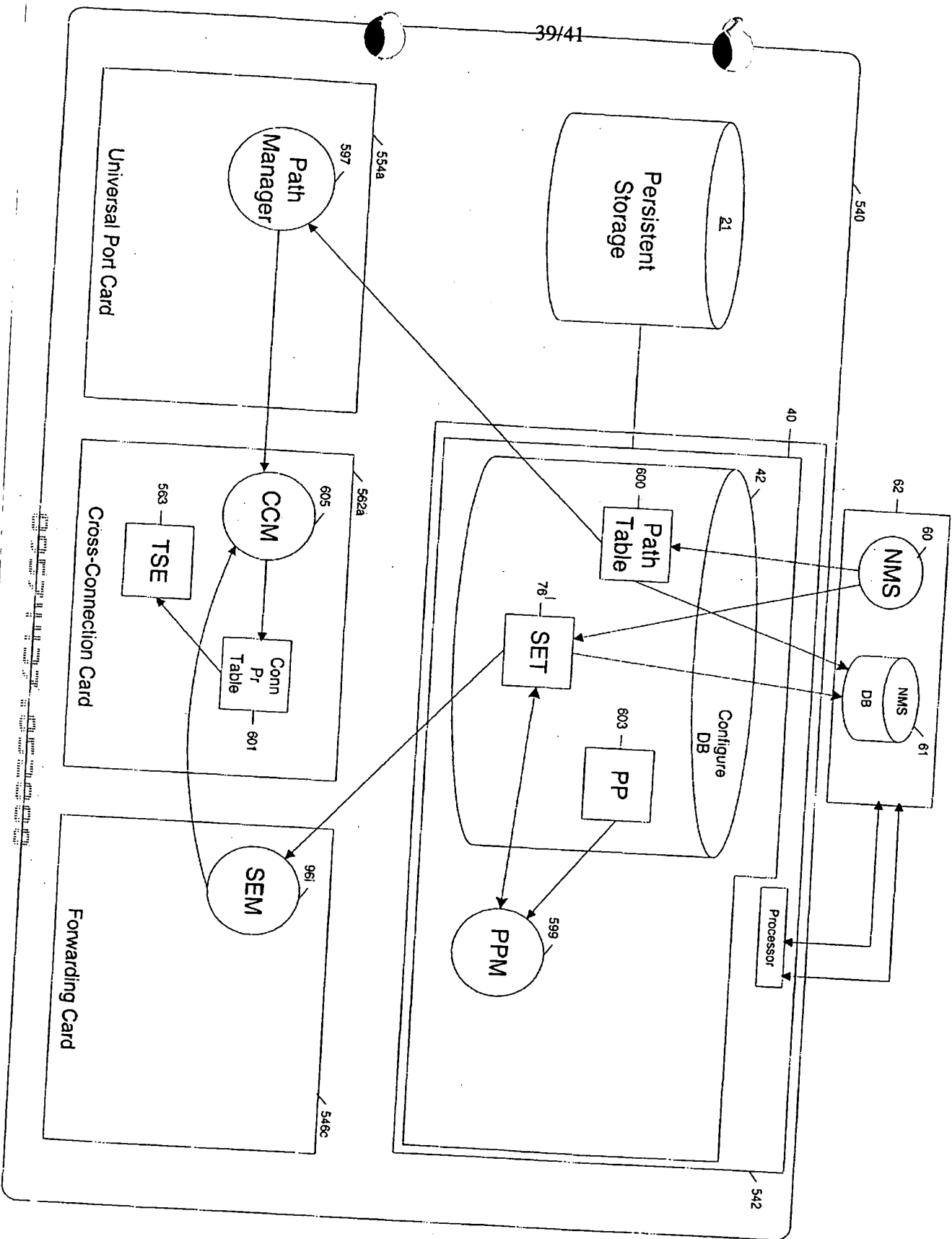


FIG. 38

Path Table 600



602 —

Path LID	UP Port LID	Time Slot	# of Time Slots	...
1666	1231	4	3	
...

FIG. 38 is a diagram of a Path Table 600. The table has five columns: Path LID, UP Port LID, Time Slot, # of Time Slots, and an ellipsis. The first row contains the values 1666, 1231, 4, 3, and an empty cell. The second row contains ellipses in all five columns. A label 602 with a line points to the first row of the table.

FIG. 39

Service End Point Table 76'

604 —

SE #	Q #	FC LID	FC Slice	FC Time Slot	Path PID	...
878	1				1666	
...

606 608 610

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☒ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.